

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

EXCEPT WHERE MODIFIED BY THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS OR THE DETAILS IN THE PLANS, ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS"; THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE COUNTY DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE COUNTY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR EXISTING UTILITIES IN CONFORMANCE WITH THE AFFECTED UTILITY COMPANIES REQUIREMENTS AS MAY BE REQUIRED TO PERFORM THE WORK OF THIS CONTRACT.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF EXISTING BURIED UTILITIES (48-HOUR ADVANCE NOTIFICATION IS REQUIRED).

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE COUNTY, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS. ELEVATIONS SHOWN AT POINT OF CURVE, ETC. ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC., ARE FROM THE PROPOSED CENTERLINE OR BASELINE.

WATER, STORM SEWER AND SANITARY SEWER

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM (SEWERS AND STRUCTURES) AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE ITEM BEING INSTALLED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE COUNTY.

DRAINAGE STRUCTURE OFFSETS AS SHOWN ON THE PLANS ARE GIVEN TO THE FOLLOWING POINTS:
(A) FOR STRUCTURES FALLING IN THE CURB LINE - TO THE EDGE OF PAVEMENT.
(B) FOR ALL OTHER STRUCTURES - TO THE CENTER OF THE STRUCTURE.

RIM ELEVATIONS SHOWN ON THE PLANS FOR DRAINAGE STRUCTURES IN THE CURB LINE ARE EDGE OF PAVEMENT ELEVATIONS.

THE ENDS OF EXISTING DRAINAGE LINES AND HOLES IN EXISTING MANHOLES WHICH ARE NOT TO BE INCORPORATED INTO THE PROPOSED IMPROVEMENTS DESIGNATED BY THE ENGINEER SHALL BE SEALED WITH A PORTLAND CEMENT MORTAR TO THE SATISFACTION OF THE ENGINEER. COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF STORM SEWER REMOVAL.

THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.

EXCAVATIONS FOR STRUCTURE AND/OR PIPELINE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING STRUCTURE/PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY EXCAVATIONS SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS TO WHICH THEY PERTAIN.

BACKFILL

ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON INVERT DEPTH FROM TOP OF PROPOSED SUBGRADE.

ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED ABOVE, INCLUDING BEDDING MATERIAL, WILL NOT BE MEASURED FOR PAYMENT.

MISCELLANEOUS

ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION. 3-DAY NOTICE SHALL BE GIVEN TO THE ABUTTING PROPERTY OWNER PRIOR TO ANY SHORT DURATIONS WHERE ACCESS WILL NOT BE MAINTAINABLE. THE COST TO PROVIDE ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEMS "TEMPORARY ACCESS (PRIVATE ENTRANCE)" OR "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".

ALL EXISTING AGGREGATE DRIVEWAYS SHALL BE REPLACED AS BITUMINOUS DRIVEWAYS.

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

ALL SAWCUTTING SHALL BE INCLUDED IN THE REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.

DEPRESSED CURB: RAMPS OR DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED FOR ALL SIDEWALKS AND BICYCLE PATHS AT ALL CROSSWALKS, ALLEYS, AND CURBED DRIVEWAYS. STANDARD (NON-ADA) DEPRESSED CURB SHALL BE PROVIDED FOR ALL DRIVEWAYS AT THE EDGE OF PAVEMENT.

RELOCATING EXISTING SIGNS ALONG IL ROUTE 25: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS ALONG IL ROUTE 25 SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.

PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BUTT JOINTS WILL BE INSTALLED AT THE END OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.

CONTRACTOR SHALL NOT PLACE SOD UNTIL THE GROUND IS IN A WORKABLE CONDITION AND THE TEMPERATURE IS 80°F OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80°F OR LESS. SOD SHALL NOT BE PLACED WHEN THE SOD OR GROUND SURFACE IS FROZEN. SOD SHALL NOT BE PLACED DURING THE MONTHS OF JULY AND AUGUST. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON N.G.V.D. OF 1929.

CERTAIN INFORMATION SHOWN ON THESE DRAWINGS HAS BEEN OBTAINED FROM DRAWINGS OF RECORD. CONTRACTOR SHALL VERIFY SUCH INFORMATION PRIOR TO ACTUAL START OF WORK, WHERE DISCREPANCIES ARE DISCOVERED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. FAILURE BY THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER OF SUCH DISCREPANCIES SHALL RESULT IN THE CONTRACTOR BEARING THE FULL BURDEN OF ALL RISKS/COSTS ATTRIBUTED TO THE DISCOVERED DISCREPANCY.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. COPIES OF AVAILABLE GEOTECHNICAL INFORMATION ARE AVAILABLE FROM THE COUNTY AT <http://www.co.kane.il.us/dot/> FOR REVIEW AND INFORMATION.

ALL WORK AREAS SHALL BE PROPERLY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION AND TRAFFIC.

NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN OBSERVED BY THE ENGINEER.

ALL EMBANKMENT WIDENING SHALL BE SUFFICIENTLY BENCHED INTO EXISTING EMBANKMENTS/ SLOPES PER ARTICLE 205 OF THE STANDARD SPECIFICATIONS, AND AS APPROVED BY THE ENGINEER. ALL COSTS WILL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

CONTRACTOR ACCESS TO THE PROJECT WILL NOT BE MEASURED FOR PAYMENT BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THIS INCLUDES ANY NECESSARY HAUL ROADS.

FILE NAME = NOT_070793_01.SHT	USER NAME = MWORMAN	DESIGNED GT	REVISED ADDENDUM 4/9/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLDT SCALE = 1'	DRAWN GT	REVISED -			361	06-00214-20-BR	KANE	320	3	
	PLDT DATE = 4/8/2009	CHECKED MCW	REVISED -			CONTRACT NO. 63075					
		DATE 01/16/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
						SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,638	641							4,279
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,841	322							2,163
20101000	TEMPORARY FENCE	FOOT	3,330								3,330
20101100	TREE TRUNK PROTECTION	EACH	155	30							185
* 20101200	TREE ROOT PRUNING	EACH	155	30							185
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	78	15							93
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	77	15							92
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	775	150							925
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	775	150							925
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	775	150							925
* 20101700	SUPPLEMENTAL WATERING	UNIT	36	7							43
20200100	EARTH EXCAVATION	CU YD	202,731	8,835							211,566
20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	8,040								8,040
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,693								2,693
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	84								84
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD					336	24			360
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	6,619								6,619
20800150	TRENCH BACKFILL	CU YD	1,631	96							1,727
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	14,831								14,831
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	37,813	852							38,665
* 25000350	SEEDING, CLASS 7	ACRE	24	2							26
* 25100115	MULCH, METHOD 2	ACRE	20	2							22
28000400	PERIMETER EROSION BARRIER	FOOT	18,258	2,781							21,039
28000500	INLET AND PIPE PROTECTION	EACH	11	6							17
28000510	INLET FILTERS	EACH	159								159
28100105	STONE RIPRAP, CLASS A3	SQ YD	114								114
28100107	STONE RIPRAP, CLASS A4	SQ YD	93	7			1,462	349			1,911
28100109	STONE RIPRAP, CLASS A5	SQ YD	2,052	21							2,073
△ 28101700	RIPRAP, SPECIAL	TON	2,721								2,721
28200200	FILTER FABRIC	SQ YD	2,180	50			1,578	272			4,080
31102000	SUB-BASE GRANULAR MATERIAL, TYPE C	CU YD	456	322							778
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	2,096	△							2,096
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	4,137	667							4,804
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD		61							61
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	67	191							258
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,641	3,766							6,407
40600300	AGGREGATE (PRIME COAT)	TON	13	9							22

* Specialty Items

FILE NAME = Seq_070793_01.SHT.dgn

USER NAME = GTINE

DESIGNED GT

REVISED - △ ADDENDUM 4/9/09

DRAWN GT

REVISED -

PLOT SCALE = 1"

CHECKED MCW

REVISED -

PLOT DATE = 2/12/2009

DATE 01/16/09

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	4
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NUMBER	ITEM	UNIT	Roadway J000-2A		SFTY-3N IMPACT ATTENUATORS	Traffic Signals Y031-1F	HIGHWAY LIGHTING / ITS Y030-1E	Bridge SN 045-3166 X031-2A	Bridge SN 045-3164 X031-2A	Landscaping Y003	TOTAL QUANTITY
			STEARNS ROAD	IL RTE 25							
XX006723	TEMPORARY AGGREGATE BERM-RIPRAP	TON	582								582
XX006727	TEMPORARY DITCH CHECKS, ROLLED EXCELSIOR	FOOT	2,400	100							2,500
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1								1
* XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH					3				3
XX007023	STAINING CONCRETE STRUCTURES	SQ YD	200								200
XX172700	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1								1
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	62,488	3,541							66,029
Z0013798	CONSTRUCTION LAYOUT	L SUM	1								1
Z0018000	DRAINAGE SCUPPERS (SPECIAL)	EACH						16			16
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	6								6
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	26								26
Z0018800	DRAINAGE SYSTEM	L SUM						1			1
Z0019600	DUST CONTROL WATERING	UNIT	302								302
* Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH			1						1
* Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH			1						1
* Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH			1						1
Z0034390	MODULAR EXPANSION JOINT 6"	FOOT						126			126
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1								1
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	20								20
Δ Z0076600	TRAINEES	HOUR	2,640	360							3,000
* XX007878	EROSION CONTROL BLANKET (SPECIAL 1)	SQ YD	22,351								22,351
* XX007879	EROSION CONTROL BLANKET (SPECIAL 2)	SQ YD	12,378								12,378
* XX007880	EROSION CONTROL BLANKET (SPECIAL 3)	SQ YD	16,027								16,027
XX007896	CLEARING (SPECIAL)	TON	200								200
* XX007881	DOCUMENTATION CAMERAS	L SUM	1								1
XX007882	DRAINAGE STRUCTURES TO BE ADJUSTED WITH A NEW TYPE 24 FRAME AND GRATE	EACH	20								20
* XX007883	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT IN TRENCH	FOOT					1,450				1,450
* XX007884	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT ATTACHED TO STRUCTURE	FOOT					3,880				3,880
XX007885	ROOFING SYSTEM	FOOT							534		534
* Z0005215	BITUMINOUS STABILIZATION STEEL PLATE BEAM GUARDRAIL	SQ YD	676	165							841
10324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	1,744								1,744
XX000306	CLAY LINER	CU FT	76,845								76,845
10320015	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	3								3
10322250	TEMPORARY ENVIRONMENTAL SIGN	SQ FT	213								213

* Specialty Items

FILE NAME =
Soq_070793_01.SHT.cgn

USER NAME = GTINE
PLOT SCALE = 1'
PLOT DATE = 2/12/2009

DESIGNED GT
DRAWN GT
CHECKED MCW
DATE 01/16/09

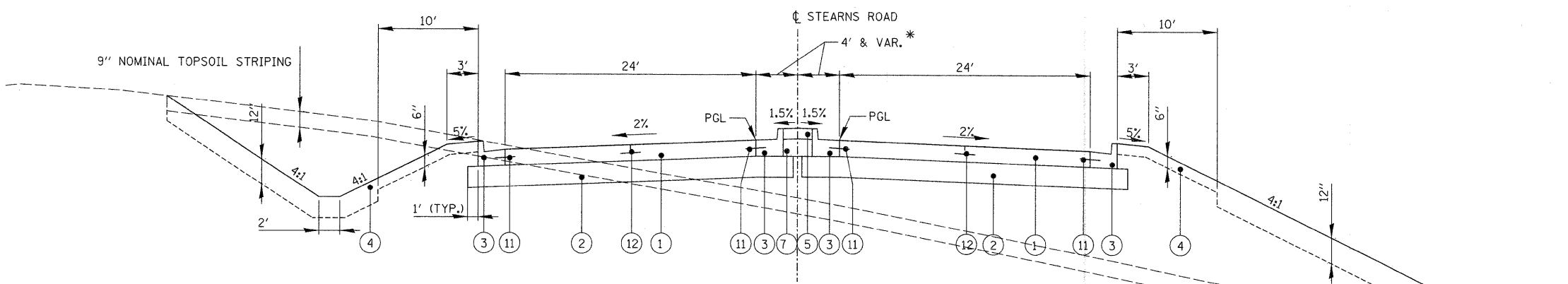
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

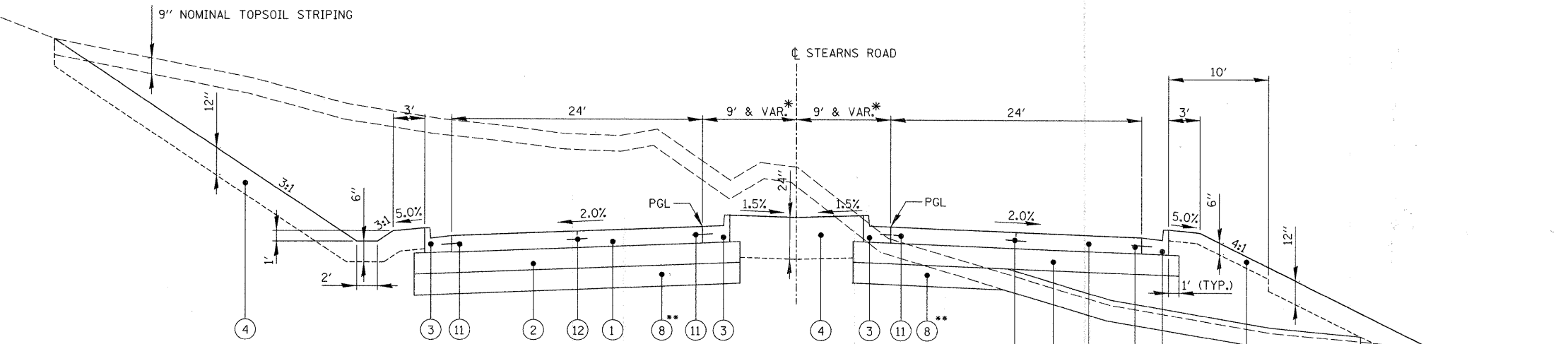
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	11
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STEARNS ROAD
STA. 560 + 63.50 TO STA. 566 + 53.00
 SEE PLANS FOR LOCATION OF BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) AND BRIDGE APPROACH PAVEMENT

* TRANSITIONS FROM 9' TO 4', STA. 560+63.50 TO STA. 564+42.68

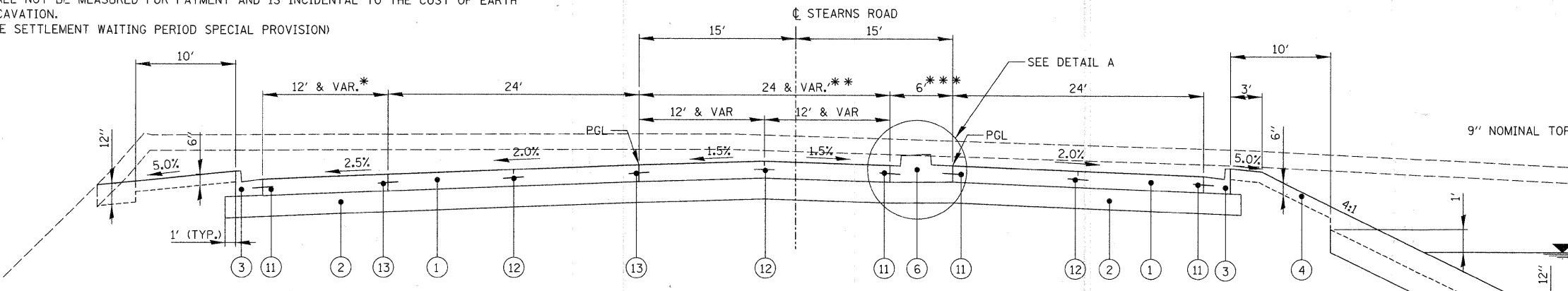


STEARNS ROAD
STA. 517 + 55.37 TO STA. 560 + 63.50

SEE NOTE (1)

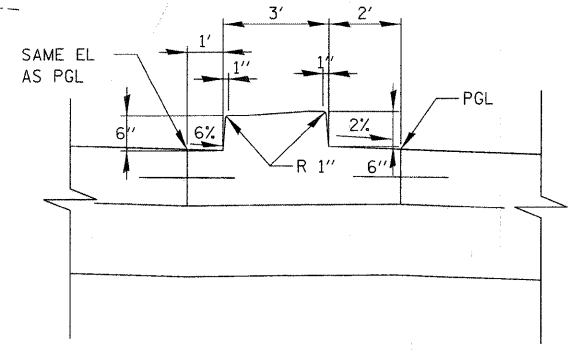
* TRANSITIONS FROM 15' TO 9', STA. 517+55.37 TO STA. 520+25.37
 ** STA. 525+00 TO STA. 534+00
 STA. 542+50 TO STA. 545+00
 STA. 545+00 TO STA. 551+00
 (IN FILL AREAS, STRIP TOPSOIL AND INSTALL 12" PGE SUBGRADE AS A "STABILITY MAT" PRIOR TO PLACEMENT OF EMBANKMENT, FROM STA. 525+00 TO 534+00 AND FROM STA. 549+50 TO STA. 551+00)

NOTE (1):
 FROM STATION 525+00 TO STATION 534+00. A WAITING PERIOD SHALL BE ALLOWED FOR THE CONSOLIDATION OF THE EXISTING WEAK SOILS. THE ROADWAY GEOTECHNICAL REPORT NO. 707-11-01 FROM WANG ENGINEERING DATED AUGUST 22, 2008 RECOMMENDS A DELAY PERIOD OF AT LEAST 7 MONTHS BETWEEN THE COMPLETION OF THE MASS GRADING AND PAVEMENT CONSTRUCTION. IT ALSO GIVES THE ALTERNATIVE OF SURCHARGING THE EMBANKMENT FROM STA. 523+00 TO STA. 535+00 WITH AN ADDITIONNAL 5 FEET FOR A PERIOD OF 2 MONTHS FOR THE SUBSTANTIAL SETTLEMENT TO BE COMPLETED. THE SETTLEMENT SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER AND THE COST OF SURCHARGING THE EMBANKMENT SHALL NOT BE MEASURED FOR PAYMENT AND IS INCIDENTAL TO THE COST OF EARTH EXCAVATION.
 (SEE SETTLEMENT WAITING PERIOD SPECIAL PROVISION)



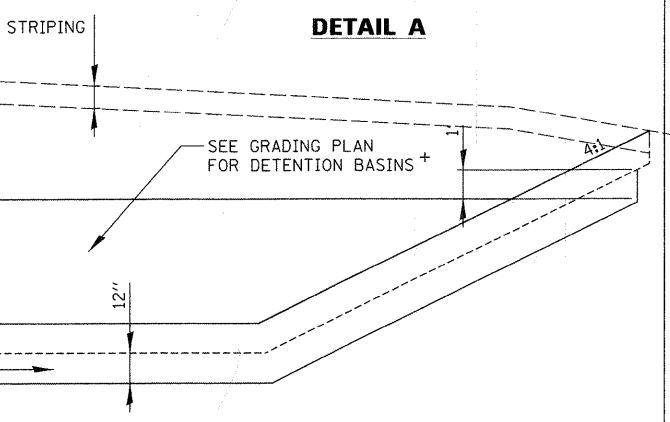
STEARNS ROAD
(MEET CONTRACT 63073) STA. 511 + 20.00 TO STA. 517 + 55.37

* TRANSITIONS FROM 12' TO 0', STA. 514+95.37 TO STA. 517+55.37
 ** TRANSITIONS FROM 24' TO 0', STA. 514+95.37 TO STA. 517+55.37
 *** TRANSITIONS FROM 6' TO 30', STA. 514+95.37 TO STA. 517+55.37 AND BEGIN COMB. CONC. C&G T B-6.24 AT STA. 515+29.77
 + STA. 511+85 RT TO STA. 531+50.00 RT (POND 3A4A5A)
 STA. 531+50 RT TO STA. 536+60.00 RT (POND 6A)
 STA. 543+80 RT TO STA. 550+50 RT (POND 15A)
 STA. 555+20 LT TO STA. 559+70 LT (POND 15B)



DETAIL A

CLAY LINER (PONDS 15A AND 15B ONLY)



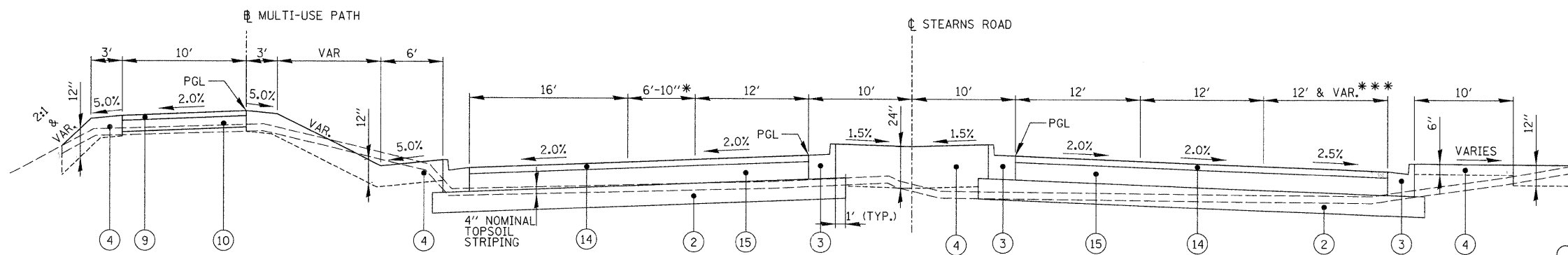
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	12
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = TYP_070793_01.SHT	USER NAME = MWORMAN	DESIGNED MCW	REVISED A ADDENDUM 4/9/09
		DRAWN GT	REVISED -
		CHECKED MCW	REVISED -
		DATE 01/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
STEARNS ROAD

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

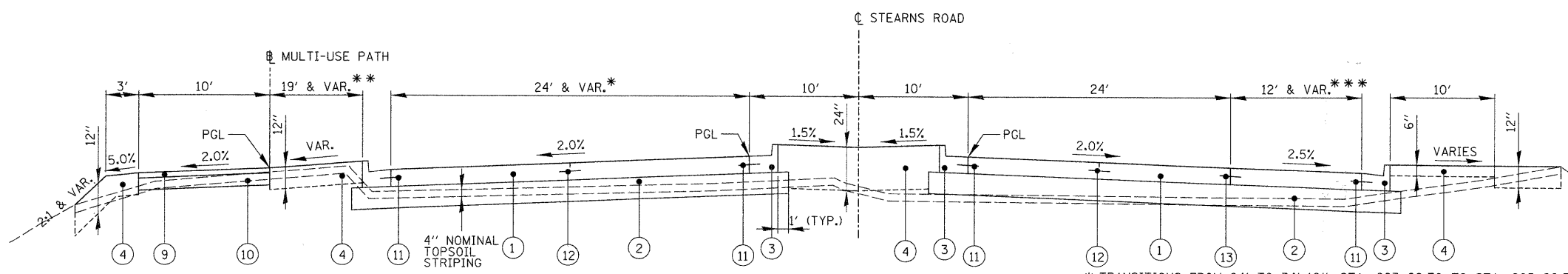
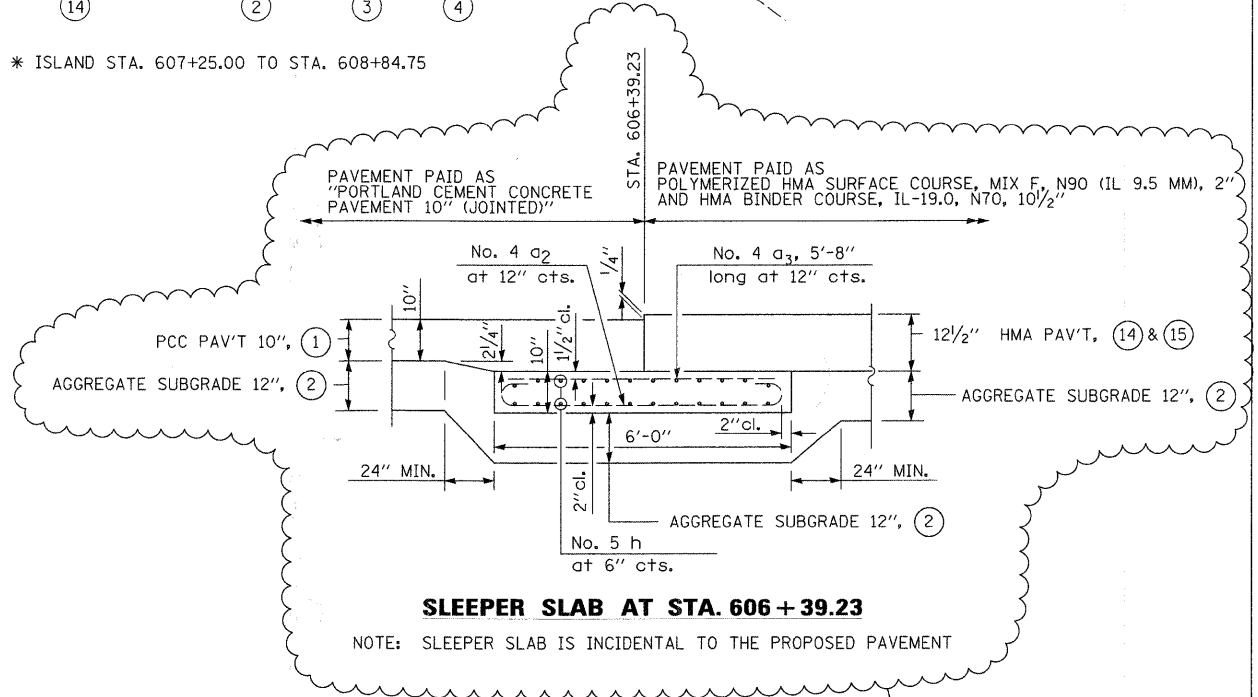


STEARNS ROAD
STA. 606 + 39.23 TO STA. 608 + 84.79

* ISLAND STA. 607+25.00 TO STA. 608+84.75

LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (ALL REQUIRED JOINTS INCLUDED IN COST)
- ② AGGREGATE SUBGRADE 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ TOPSOIL SEEDING (SEE LANDSCAPING PLAN FOR CLASS) EROSION CONTROL BLANKET (SEE ESC PLAN FOR TYPE)
- ⑤ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑦ SUBBASE GRANULAR MATERIAL TYPE C
- ⑧ UNDERCUT AND PROPOSED GRANULAR EMBANKMENT SUBGRADE (ASSUMED 12", ACTUAL DEPTH BASED ON FIELD CONDITIONS)
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2"
- ⑩ AGGREGATE BASE COURSE TYPE B, 6"
- ⑪ TIE BARS (INCLUDED IN COST OF COMB CC&G TY. B-6.24 OR CONC MED TSB SPL)
- ⑫ SAWED LONGITUDINAL JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- ⑬ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PCC PVT 10 JOINTED)
- ⑭ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM), 2"
- ⑮ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2"
- ⑯ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH 3/4" MIN., 2 1/4" MAX. (USE ⑮ FOR LIFTS > 2 1/4")
- ⑰ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑱ AGGREGATE SHOULDERS, TYPE B 6"
- ⑲ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑳ BITUMINOUS MATERIALS (PRIME COAT)



STEARNS ROAD
STA. 602 + 40.85 TO STA. 606 + 39.23

* TRANSITIONS FROM 24' TO 34'-10", STA. 603+90.70 TO STA. 605+90.70 (SEE INTERSECTION GRADING SHEET FOR ISLAND)
 ** TRANSITIONS FROM 19' TO 10', STA. 603+90.70 TO STA. 605+90.70
 *** TRANSITIONS FROM 0' TO 12' STA. 602+40.85 TO STA. 604+50.85

FILE NAME = TYP_070793_01.SHT

USER NAME = MWORMAN	DESIGNED MCW	REVISED 1 ADDENDUM 4/9/09
PLOT SCALE = 20'	DRAWN GT	REVISED -
PLOT DATE = 4/7/2009	CHECKED MCW	REVISED -
	DATE 01/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS			
STEARNS ROAD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 14
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE TABLE										
STRUCT NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD NO.	FRAME & GRATE
S102	CB, TYPE A, 5'-DIAMETER, TYPE 24 F&G	511+81.34	51.00 LT	738.27	729.23	729.23		733.66	602001	604091
S103	CB, TYPE C, TYPE 24 F&G	512+30.00	51.00 LT	738.40			734.15		602011	604091
S104	CB, TYPE C, TYPE 24 F&G	513+00.00	51.00 LT	738.75		734.42			602011	604091
S105	CB, TYPE C, TYPE 24 F&G	513+99.94	51.00 LT	739.25		734.91			602011	604091
S106	CB, TYPE C, TYPE 24 F&G	514+99.94	51.00 LT	739.74		735.22			602011	604091
S108	CB, TYPE A, 5'-DIAMETER, TYPE 12 F&G	511+81.34	9.00 RT	739.05	729.11	729.11		734.66	602001	604061
S109	CB, TYPE C, TYPE 12 F&G	512+30.00	9.00 RT	739.18			735.15		602011	604061
S111	CB, TYPE C, TYPE 24 F&G	512+30.00	39.00 RT	738.70			734.45		602011	604091
S112	MH, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CL	511+81.34	49.58 RT	737.55	729.03			728.25	602016	604001
S113	CB, TYPE A, 6'-DIAMETER, TYPE 24 F&G	511+81.34	39.00 RT	738.57	729.05	729.05		733.96	602001	604091
S114	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	513+00.00	39.00 RT	739.05	733.93	733.83			602001	604091
S115	MH, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CL	513+00.00	49.58 RT	738.03	733.78		727.95	727.95	602411	604001
S116	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	514+00.00	39.00 RT	739.55	734.43	734.33			602001	604091
S117	MH, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CL	514+00.01	49.58 RT	738.53	734.28		727.70	727.70	602411	604001
S118	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	514+99.94	39.00 RT	740.05	734.81	734.09			602001	604091
S119	MH, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CL	514+99.94	49.58 RT	739.03	734.03		727.45	727.45	602411	604001
S120	PRECAST REINFORCED CONCRETE FES 30" (WITH GRATING)	511+99.39	73.09 LT			729.29			542301	542311
S121	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	516+00.06	39.00 RT	740.55	735.59	732.81			602001	604091
S122	MH, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CL	516+00.08	49.58 RT	739.53	732.74	727.15	727.15	734.73	602421	602411
S123	PRECAST REINFORCED CONCRETE FES 54" (WITH GRATING)	516+00.15	92.66 RT		727.00				542301	542311
S124	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	516+00.02	6.96 RT	741.46	735.85	735.75			602001	604036
S201	CB, TYPE C, TYPE 24 F&G	515+99.94	46.17 LT	740.37		736.12			602011	604091
S206	CB, TYPE C, TYPE 24 F&G	517+00.00	41.56 LT	740.99		736.74			602011	604091
S207	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	516+99.94	39.00 RT	741.05	736.34	736.34			602001	604091
S208	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	516+99.99	48.30 RT	740.35	736.29		735.35	735.60	602401	604001
S209	CB, TYPE C, TYPE 24 F&G	518+75.00	36.34 LT	741.92		737.67			602011	604091
S210	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	518+75.00	12.34 LT	742.41	737.39	737.29			602001	604091
S211	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	518+75.00	36.34 RT	741.92	737.04	737.04			602001	604091
S212	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	518+75.08	44.93 RT	741.40	737.00		736.44	736.69	602401	604001
S213	CB, TYPE C, TYPE 24 F&G	520+00.00	33.56 LT	742.55		738.29			602011	604091
S214	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	520+00.00	33.56 RT	742.55	737.84	737.74			602001	604091
S215	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	520+00.00	42.15 RT	742.03	737.70		737.24		602401	604001
S216	CB, TYPE C, TYPE 24 F&G	521+25.00	33.00 LT	743.18		738.93			602011	604091
S217	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	521+25.00	0.00 LT	744.10	738.76	738.66			602001	604036
S218	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	521+25.00	33.00 RT	743.18	738.49	738.39			602001	604091
S219	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	521+25.00	41.58 RT	742.66	738.34		738.24		602401	604001
S220	CB, TYPE C, TYPE 24 F&G	522+50.00	33.00 LT	743.80		739.55			602011	604091
S221	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	522+50.00	33.00 RT	743.80	738.60	738.50			602001	604091
S222	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	522+50.00	41.58 RT	743.28	738.44		737.62	737.52	602401	604001
S223	CB, TYPE C, TYPE 24 F&G	523+75.00	33.00 LT	744.43		740.18			602011	604091
S224	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	523+75.00	33.00 RT	744.43	739.85	739.75			602001	604091
S225	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	523+75.00	41.58 RT	743.91	739.70		738.89	739.61	602401	604001
S226	CB, TYPE C, TYPE 24 F&G	525+25.00	33.00 LT	745.18		740.93			602011	604091
S227	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	525+25.00	33.00 RT	745.18	740.60	740.50			602001	604091
S228	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	525+25.00	41.58 RT	744.66	740.46		740.36		602401	604001
S229	CB, TYPE C, TYPE 24 F&G	528+50.00	33.00 LT	744.82		740.57			602011	604091
S230	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	528+49.94	33.00 RT	744.82	740.24	739.99			602001	604091
S231	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	528+49.93	41.58 RT	744.30	739.84		739.60		602401	604001
S301	CB, TYPE C, TYPE 24 F&G	530+00.00	33.00 LT	743.58		739.33			602011	604091
S302	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	530+00.00	33.00 RT	743.58	739.00	738.90			602001	604091
S303	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	530+00.08	41.58 RT	743.06	738.85		738.85	738.75	602401	604001
S304	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	531+50.00	33.00 LT	742.35		738.10			602001	604091
S305	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	531+50.00	0.00 LT	743.27	737.93	737.83			602001	604036
S306	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	531+50.00	33.00 RT	742.35	737.67	737.57		737.67	602001	604091
S307	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	531+49.93	41.58 RT	741.83	737.52	729.64	738.01		602401	604001
S308	PRECAST REINFORCED CONCRETE FES 15"	531+19.89	93.94 RT		729.00				542301	N/A
S309	PRECAST REINFORCED CONCRETE FES 12"	531+22.26	131.75 RT					728.00	542301	N/A
S310	CB, TYPE C, TYPE 24 F&G	533+00.00	33.00 LT	741.11		736.04			602011	604091
S311	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	533+00.00	33.00 RT	741.11	735.71	735.61			602001	604091
S312	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	533+00.00	41.58 RT	740.59	735.56		735.46		602401	604001
S313	CB, TYPE C, TYPE 24 F&G	534+50.00	33.00 LT	739.88		735.19			602011	604091
S314	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	534+50.00	33.00 RT	739.88	734.86	734.76			602001	604091
S315	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	534+50.08	41.58 RT	739.36	734.72		734.72	731.69	602401	604001
S316	PRECAST REINFORCED CONCRETE FES 24" (WITH GRATING)	536+00.00	55.96 LT			733.00			542301	542311
S317	CB, TYPE A, 5'-DIAMETER, TYPE 24 F&G	536+00.00	33.00 LT	738.64	732.82	730.78			602001	604091
S318	CB, TYPE A, 5'-DIAMETER, TYPE 24 F&G	536+00.00	33.00 RT	738.64	730.44	730.34			602001	604091
S319	MH, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CL	535+99.92	41.58 RT	738.12	730.29	730.19	730.94	731.72	602406	604001
S320	PRECAST REINFORCED CONCRETE FES 24" (WITH GRATING)	536+00.10	67.95 RT		730.00				542301	542311
S321	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	537+50.00	33.00 LT	737.41		733.16	733.26		602001	604091
S322	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	537+50.00	0.00 RT	738.33	733.00	732.90			602001	604036
S323	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	537+50.00	33.00 RT	737.41	732.73	732.63	732.73		602001	604091
S324	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	537+50.00	41.58 RT	736.65	732.58		732.48		602401	604001
S325	CB, TYPE C, TYPE 24 F&G	539+00.00	33.00 LT	736.17		731.16			602011	604091
S326	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	539+00.00	33.00 RT	736.17	730.50	730.40			602001	604091
S327	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	539+00.00	41.58 RT	735.42	730.34		730.24		602401	604001
S328	CB, TYPE C, TYPE 24 F&G	540+50.00	33.00 LT	734.94		730.43			602011	604091
S329	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	540+50.00	33.00 RT	734.94	730.09	729.99			602001	604091
S330	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	540+49.92	41.58 RT	734.19	729.94		729.33	729.23	602401	604001
S331	CB, TYPE C, TYPE 24 F&G	542+00.00	33.00 LT	733.70		729.19			602011	604091
S332	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	542+00.00	33.00 RT	733.70	728.86	728.76			602001	604091
S333	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	542+00.00	41.58 RT	732.96	728.71		728.33	728.08	602401	604001
S334	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	531+50.47	131.92 RT	734.50		728.56	728.56		602401	604001
S335	PRECAST REINFORCED CONCRETE FES 12"	531+73.76	132.02 RT	730.17		729.00			542301	N/A
S336	CB, TYPE C, TYPE 24 F&G	537+25.00	33.00 LT	737.81		733.51			602011	604091
S337	CB, TYPE C, TYPE 24 F&G	531+75.00	33.00 LT	742.14		738.45			602011	604091

NOTE (2)

NOTE (2)

NOTE (2)

NOTE (3)

NOTE (3)

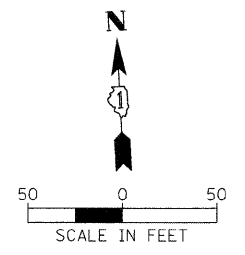
NOTE (1)

NOTE (2)

DRAINAGE STRUCTURE TABLE										
STRUCT NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	STANDARD NO.	FRAME & GRATE
S338	CB, TYPE C, TYPE 24 F&G	537+25.00	33.00 RT	737.61				732.98	602011	604091
S339	CB, TYPE C, TYPE 24 F&G	531+75.00	33.00 RT	742.14			737.92		602011	604091
S401	CB, TYPE C, TYPE 24 F&G	543+50.00	33.00 LT	732.47		728.17			602011	604091
S402	CB, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	543+50.00	0.00 RT	733.39	728.00	727.90			602001	604036
S403	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	543+50.00	33.00 RT	732.47	727.73	727.63			602001	604091
S404	MH, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CL	543+50.00	41.58 RT	731.83	727.58		727.33	719.78	602401	604001
S405	PRECAST REINFORCED CONCRETE FES 18"	544+00.08	86.60 RT					719.00	542301	N/A
S406	CB, TYPE C, TYPE 24 F&G	545+00.00	33.00 LT	731.23		726.95			602011	604091
S407	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	545+00.00	33.00 RT	731.23	726.62	726.52			602001	604091
S408	MH, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CL	544+99.92	41.58 RT	730.72	726.47			725.39	602401	604001
S409	CB, TYPE C, TYPE 24 F&G	546+50.00	33.00 LT	730.00		725.71			602011	604091
S410	CB, TYPE A, 4'-DIAMETER, TYPE 24 F&G	546+50.00	33.00 RT	730.00	725.38	725.28			602001	604091

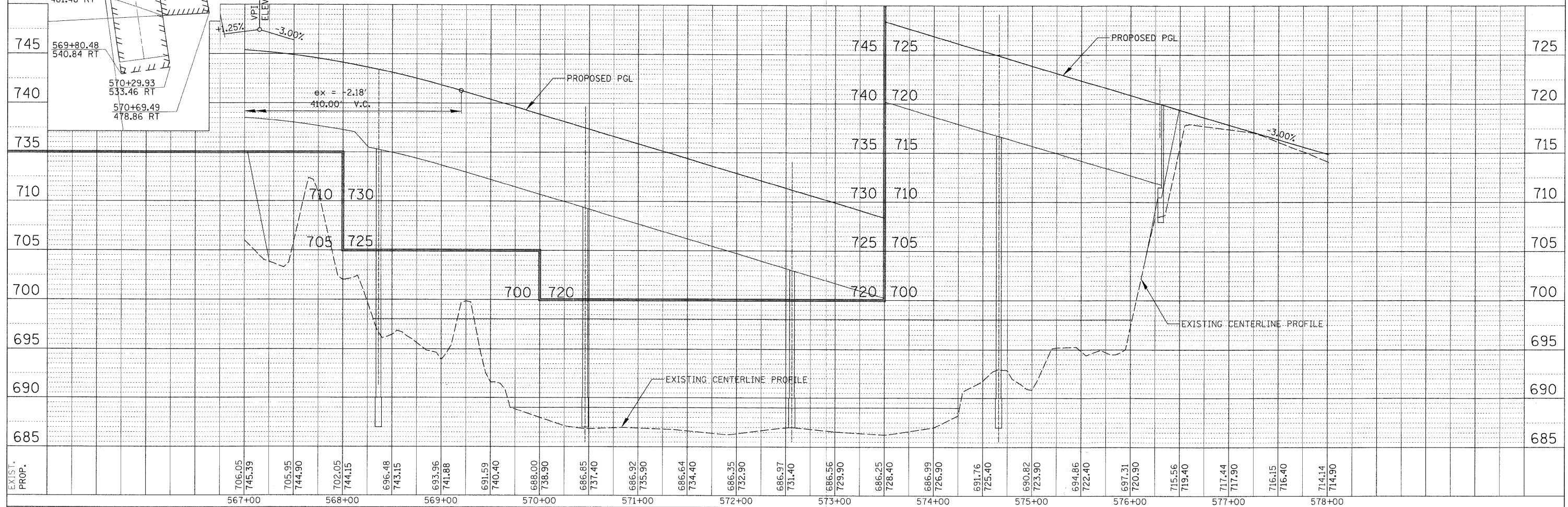
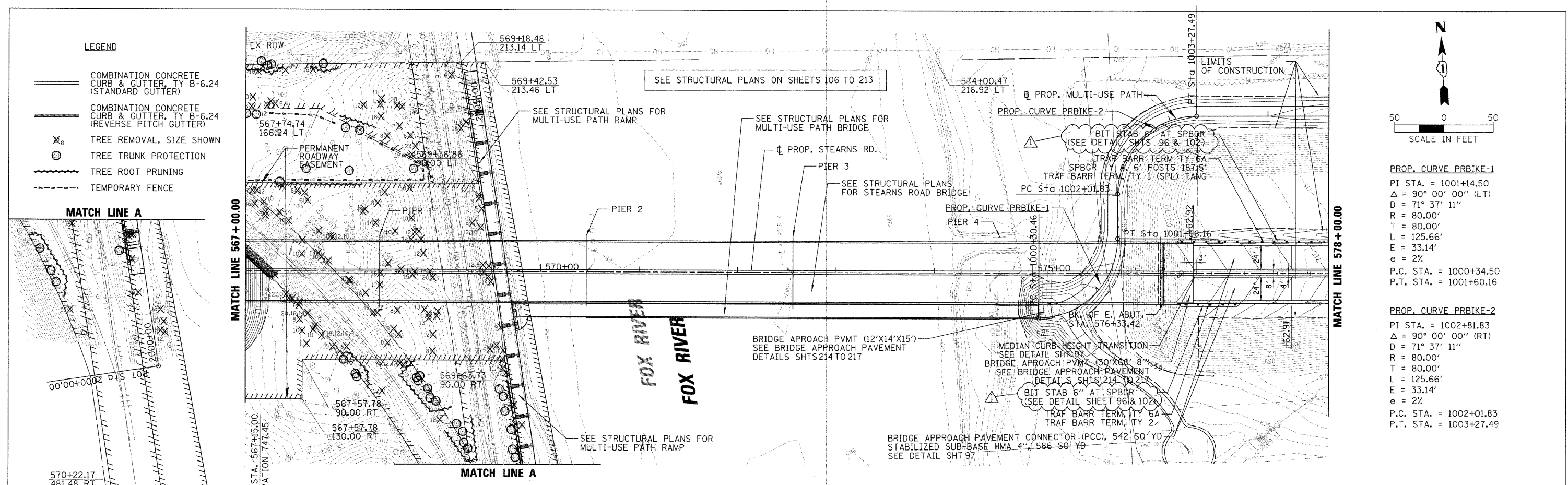
LEGEND

- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (STANDARD GUTTER)
- COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (REVERSE PITCH GUTTER)
- TREE REMOVAL, SIZE SHOWN
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING
- TEMPORARY FENCE



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO. _____	
	REVISIONS	
	REVISION NO.	
	DATE	
	BY	
	STRUCTURE NOTATIONS	
	CHKD	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO. _____	
	REVISIONS	
	REVISION NO.	
	DATE	
	BY	
	STRUCTURE NOTATIONS	
	CHKD	



FILE NAME =	USER NAME = MWORMAN	DESIGNED MCW	REVISED Δ ADDENDUM 4/9/09	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RPP_078793_STEARNS_06.SHT	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISED -	361	06-00214-20-BR	KANE	320	33
	PLOT SCALE = 50'	CHECKED MCW	REVISED -	CONTRACT NO. 63075				
	PLOT DATE = 4/9/2009	DATE - 01/16/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

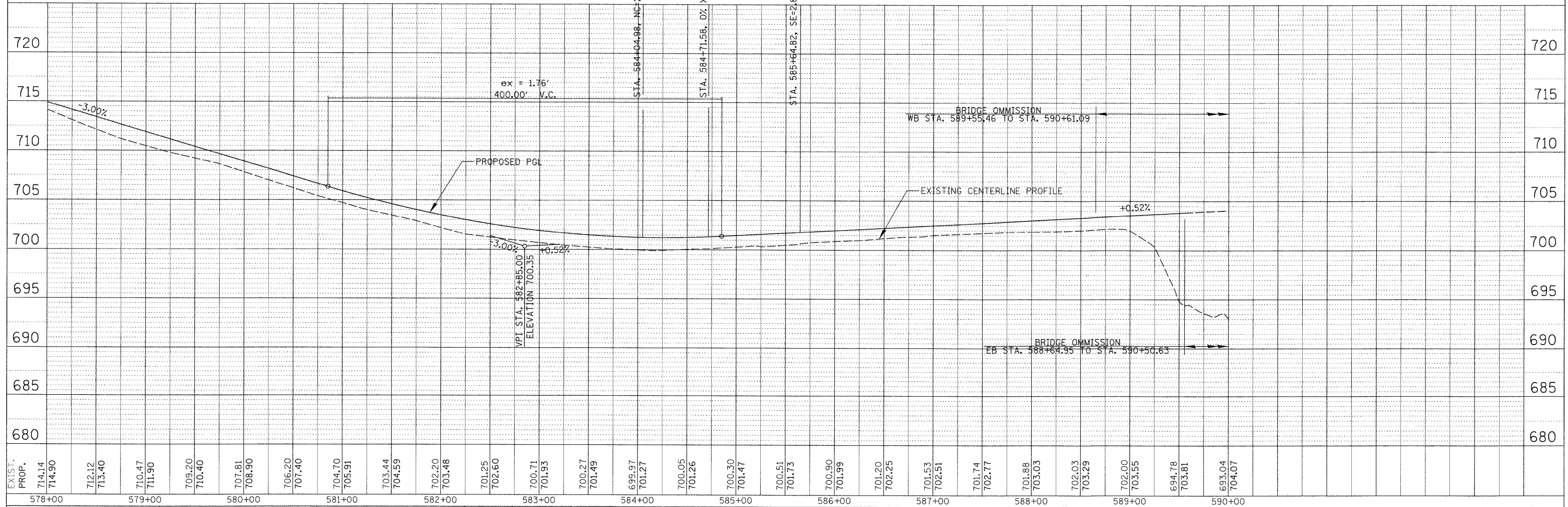
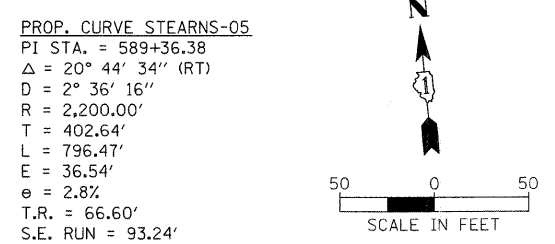
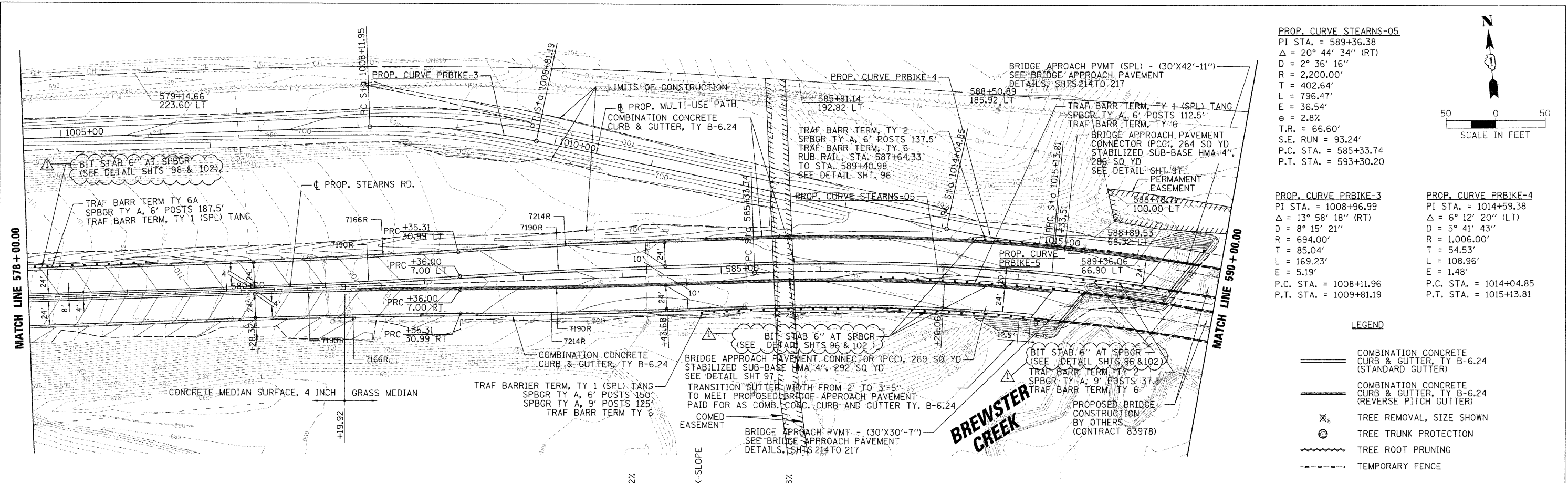
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE - STEARNS ROAD

SCALE: 1"= 50' SHEET NO. OF SHEETS STA. 567+00.00 TO STA. 578+00.00

PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	DATE	
	NO.	
	NO.	
	NO.	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	CHECKED	
	DATE	
	NO.	
	NO.	
	NO.	
	NO.	
	NO.	



FILE NAME = RPP_070793_STEARNS_07.SHT	USER NAME = MWORMAN	DESIGNED MCW	REVISED Δ ADDENDUM 4/9/09	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 34
	VERT. SCALE = 1" = 5'	DRAWN PWN	REVISED -	CONTRACT NO. 63075				
	PLOT SCALE = 5/8"	CHECKED MCW	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/9/2009	DATE 01/16/09	REVISED -	SCALE: 1" = 50'				

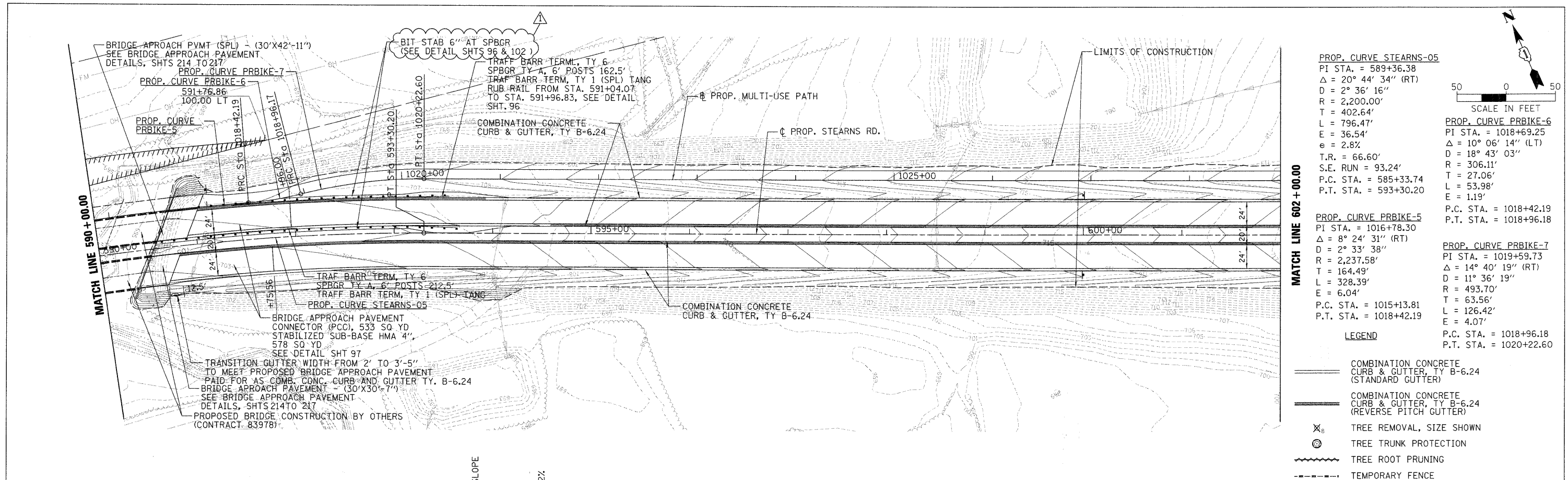
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE - STEARNS ROAD

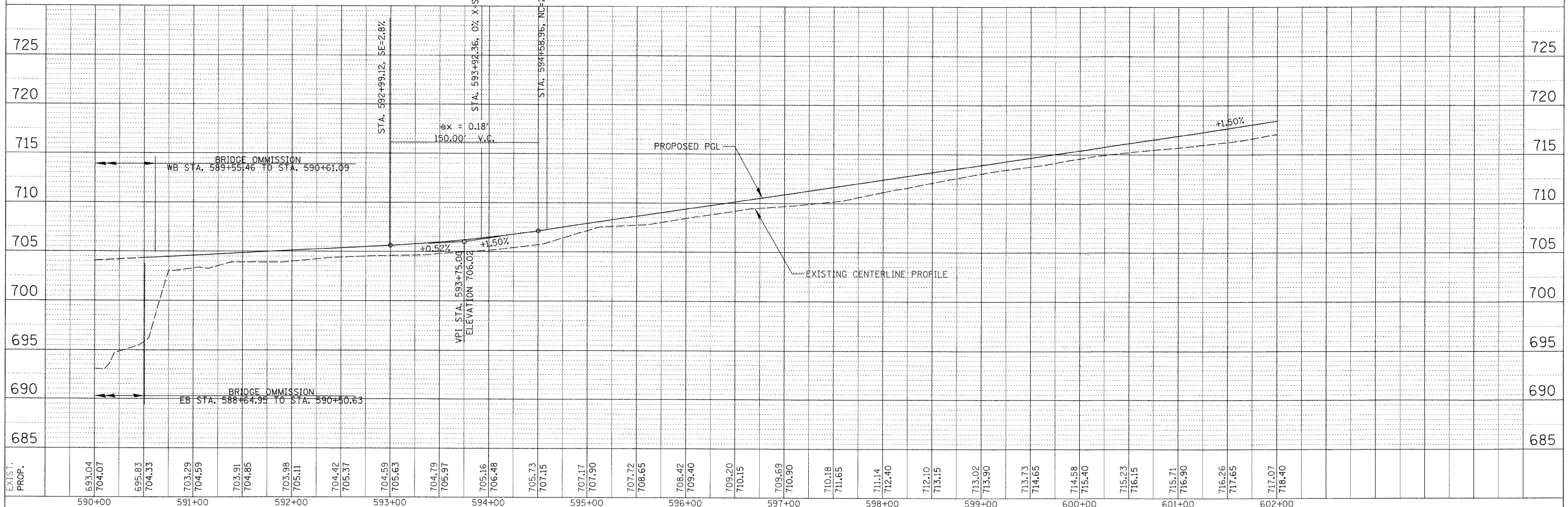
SHEET NO. OF SHEETS STA. 578+00.00 TO STA. 590+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	NO.		
	NO.		
	NO.		

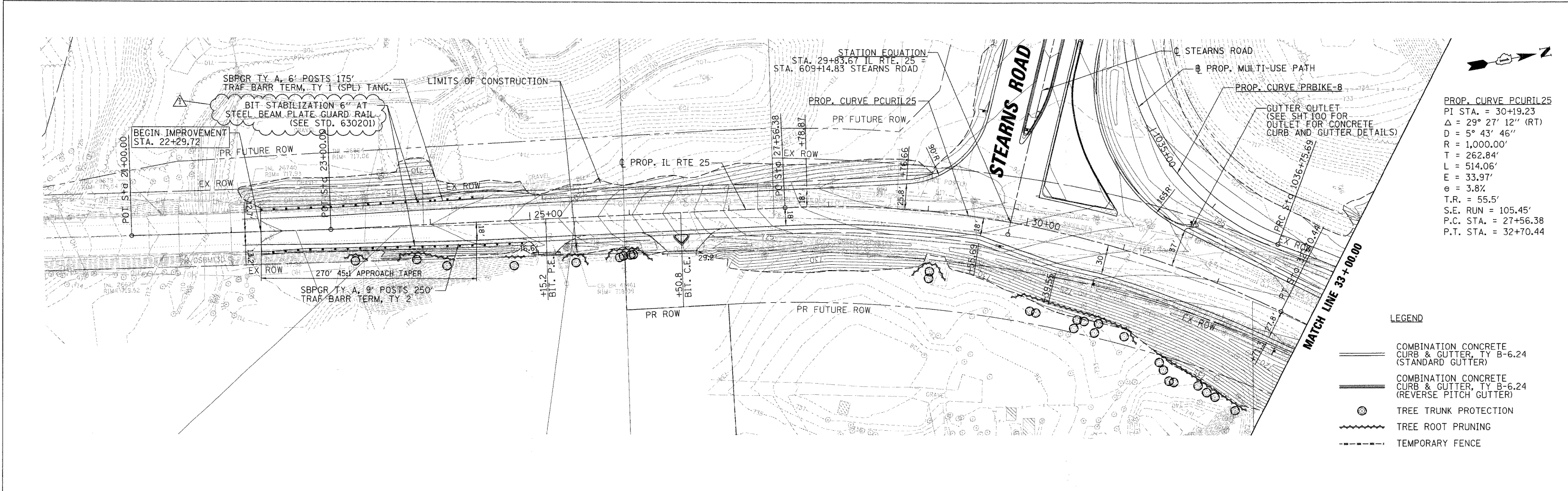
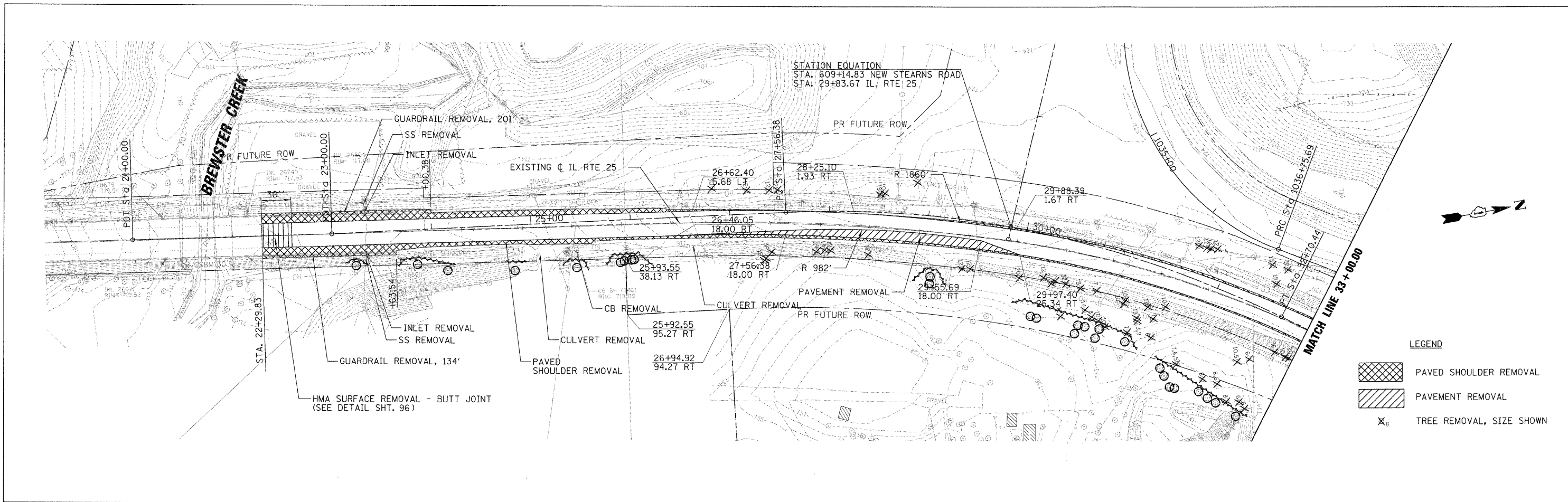
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	DATE		
	NO.		
	NO.		
	NO.		



PROP. CURVE STEARNS-05	
PI STA. = 589+36.38	
Δ = 20° 44' 34" (RT)	
D = 2° 36' 16"	
R = 2,200.00'	
T = 402.64'	
L = 796.47'	
E = 36.54'	
e = 2.8%	
T.R. = 66.60'	
S.E. RUN = 93.24'	
P.C. STA. = 585+33.74	
P.T. STA. = 593+30.20	
PROP. CURVE PRBIKE-6	
PI STA. = 1018+69.25	
Δ = 10° 06' 14" (LT)	
D = 18° 43' 03"	
R = 306.11'	
T = 27.06'	
L = 53.98'	
E = 1.19'	
P.C. STA. = 1018+42.19	
P.T. STA. = 1018+96.18	
PROP. CURVE PRBIKE-5	
PI STA. = 1016+78.30	
Δ = 8° 24' 31" (RT)	
D = 2° 33' 38"	
R = 2,237.58'	
T = 164.49'	
L = 328.39'	
E = 6.04'	
P.C. STA. = 1015+13.81	
P.T. STA. = 1018+42.19	
PROP. CURVE PRBIKE-7	
PI STA. = 1019+59.73	
Δ = 14° 40' 19" (RT)	
D = 11° 36' 19"	
R = 493.70'	
T = 63.56'	
L = 126.42'	
E = 4.07'	
P.C. STA. = 1018+96.18	
P.T. STA. = 1020+22.60	



FILE NAME = RPP_070793_STEARNS_08.SHT	USER NAME = MWORMAN	DESIGNED MCW	REVISED ADDENDUM 4/9/09	F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 35
	VERT. SCALE = 1" = 5'	DRAWN PWJ	REVISED -	CONTRACT NO. 63075				
	PLOT SCALE = 50'	CHECKED MCW	REVISED -	SCALE: 1" = 50'				
	PLOT DATE = 4/9/2009	DATE 01/16/09	REVISED -	SHEET NO. OF SHEETS STA. 590+00.00 TO STA. 602+00.00				
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				
				ROADWAY PLAN AND PROFILE - STEARNS ROAD				
				ILLINOIS FED. AID PROJECT				



FILE NAME = PLN_070793 RTE25_01.SHT	USER NAME = MWORMAN	DESIGNED - MCW	REVISED - ADDENDUM 4/9/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED PLAN - IL ROUTE 25			F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 37
PLOT SCALE = 50'					SCALE: 1" = 50'			SHEET NO. OF SHEETS STA. 21+00.00 TO STA. 33+00.00			CONTRACT NO. 63075	
PLOT DATE = 4/9/2009								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
DATE = 01/16/09												

**STAGES OF CONSTRUCTION
GENERAL NOTES**

- 1 THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
- 2 THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES WITHIN THE PROJECT LIMITS. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TEMPORARY ACCESS (PRIVATE ENTRANCE)" AND "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".
- 3 THE CONTRACTOR SHALL PLACE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION TO INFORM MOTORISTS OF INCOMING CONSTRUCTION ACTIVITIES. ALSO THE CONTRACTOR SHALL PLACE MESSAGE SIGNS WITH THE APPROPRIATE RIVER ACCESS NOTIFICATION. ALL THE ABOVE SIGNS SHALL BE MAINTAINED BY THE CONTRACTOR WITH THE UPDATED INFORMATION FOR THE DURATION OF CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS SHALL BE IN PLACE ONE WEEK PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY INFORMATION SIGNING" (SEE ARTERIAL ROAD INFORMATION SIGN SHEET). THE LOCATION(S) FOR INFORMATIONAL SIGNS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 4 THE CONTRACTOR SHALL MAINTAIN STEARNS ROAD CLOSED TO THE TRAFFIC AT THE INTERSECTION OF STEARNS ROAD AND McLEAN BLVD. FOR THE DURATION OF THE CONSTRUCTION OPERATIONS INCLUDING PROPOSED TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION BARRICADES AND SIGNS INSTALLATION WITH ADJACENT CONSTRUCTION OPERATIONS.

SEQUENCE OF CONSTRUCTION

STAGE 1

- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH IDOT STANDARD 701006.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE EXISTING PAVEMENT MARKINGS AND CONSTRUCT TEMPORARY PAVEMENT MARKINGS PER MAINTENANCE OF TRAFFIC STAGE 1 PLAN.
- 3 REMOVE EXISTING SOUTHBOUND SHOULDER AND CONSTRUCT THE PROPOSED SOUTHBOUND IL ROUTE 25 PAVEMENT WIDENING, CURB OR SHOULDER AND DRAINAGE STRUCTURES TO THE LIMITS SHOWN ON THE PLANS AND DETAILS. REMOVE AND RELOCATE EXISTING GUARDRAIL.

STAGE 2

- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701006.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE STAGE 1 TEMPORARY PAVEMENT MARKINGS AND CONSTRUCT TEMPORARY PAVEMENT MARKINGS PER MAINTENANCE OF TRAFFIC STAGE 2 PLAN.
- 3 RELOCATE TEMPORARY CONCRETE BARRIER AND ATTENUATOR FOR SOUTHBOUND TO THE LOCATION SHOWN ON STAGE 2 MAINTENANCE OF TRAFFIC PLANS.
- 4 CONSTRUCT TEMPORARY CONCRETE BARRIER AND ATTENUATOR FOR NORTHBOUND AS PER MAINTENANCE OF TRAFFIC STAGE 2 PLAN.
- 5 REMOVE EXISTING NORTHBOUND SHOULDER AND CONSTRUCT THE PROPOSED NORTHBOUND IL ROUTE 25 PAVEMENT WIDENING, CURB OR SHOULDER AND DRAINAGE STRUCTURES TO THE LIMITS SHOWN ON THE PLANS AND DETAILS. REMOVE AND RELOCATE EXISTING GUARDRAIL.

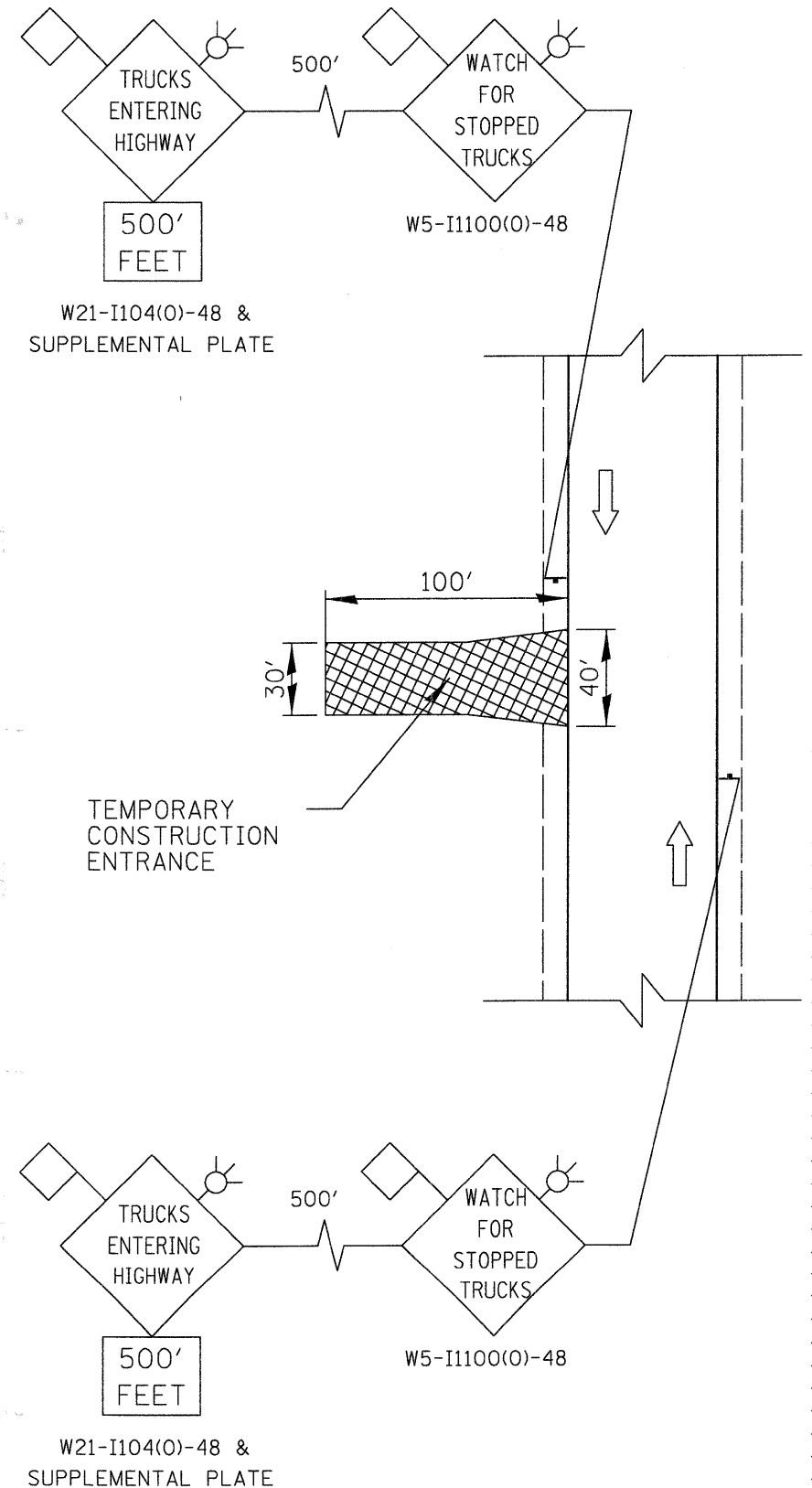
STAGE 3

- 1 TRAFFIC ON IL ROUTE 25 SHALL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701301.
- 2 PLACE TRAFFIC CONTROL DEVICES, REMOVE STAGE 2 TEMPORARY PAVEMENT MARKINGS AND PLACE NEW TEMPORARY PAVEMENT MARKINGS. SHIFT BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC TO THE WEST.
- 3 COLD MILL EXISTING NORTHBOUND LANE BITUMINOUS SURFACE. CONSTRUCT LEVELING BINDER TO THE LIMITS SHOWN ON PROPOSED PLANS FOR IL ROUTE 25. CONSTRUCT NEW BINDER AND SURFACE PAVEMENT FOR NORTHBOUND LANE INCLUDING NEW WIDENING AND RIGHT SHOULDER.
- 4 PAVE PROPOSED DRIVEWAYS ALONG EAST SIDE OF IL ROUTE 25.
- 5 SHIFT NB TRAFFIC ONTO NEW CONSTRUCTED NORTHBOUND PAVEMENT.
- 6 COLD MILL EXISTING SOUTHBOUND BITUMINOUS SURFACE. CONSTRUCT LEVELING BINDER TO THE LIMITS SHOWN ON PROPOSED PLANS FOR IL ROUTE 25. CONSTRUCT NEW BINDER AND SURFACE PAVEMENT FOR SOUTHBOUND LANE INCLUDING NEW WIDENING AND LEFT SHOULDER.
- 7 CONSTRUCT PROPOSED PAVEMENT MARKINGS PER PLANS ALONG IL ROUTE 25 IN ACCORDANCE WITH IDOT STANDARD 701311.

**TEMPORARY CONSTRUCTION ENTRANCE
NOTES**

SIGNAGE FOR TEMPORARY CONSTRUCTION ENTRANCE SHALL BE PLACED AS SHOWN IN THE DETAIL AT THE TEMPORARY CONSTRUCTION ENTRANCES AT McLEAN BOULEVARD, IL ROUTE 31 AND IL ROUTE 25

**TEMPORARY CONSTRUCTION
ENTRANCE DETAIL**



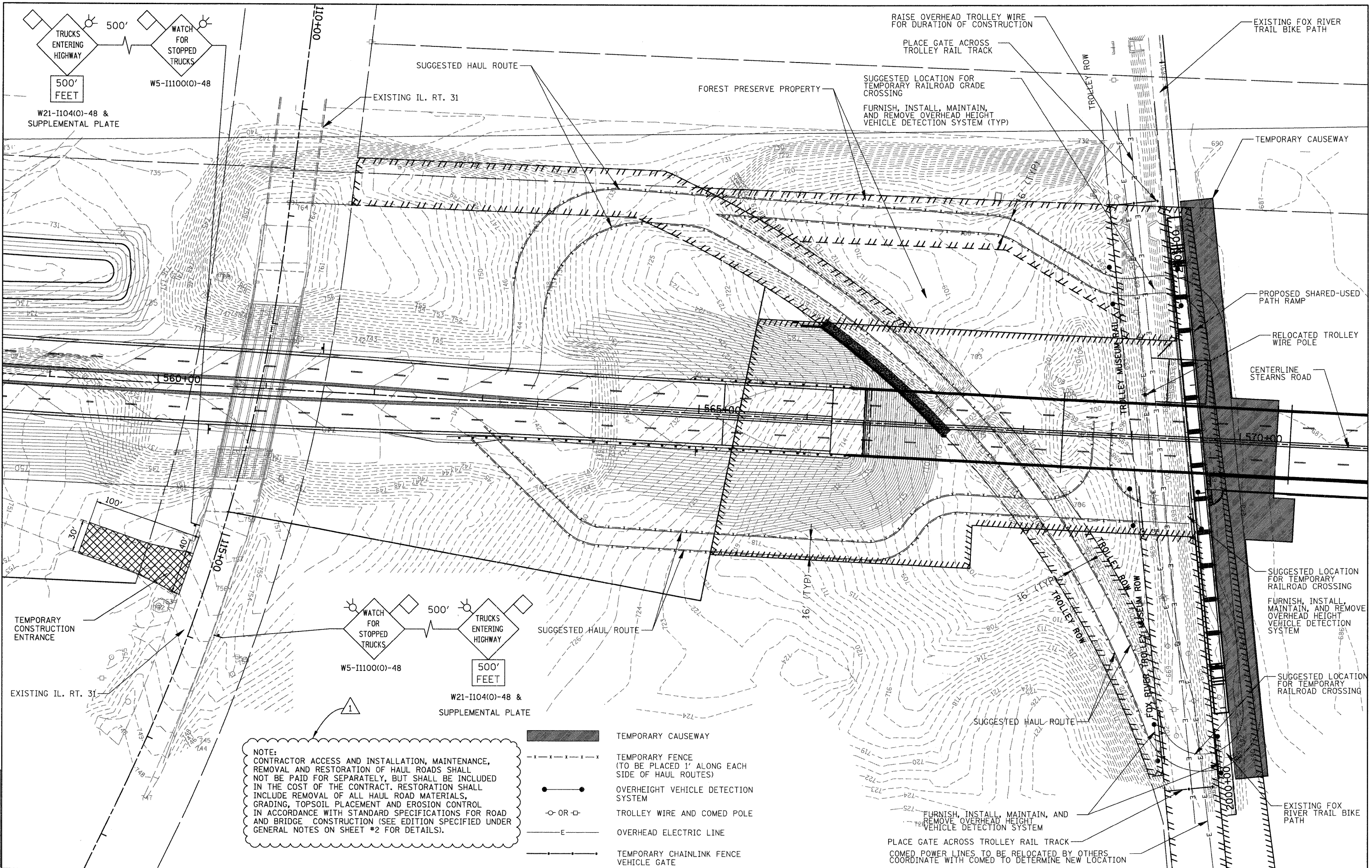
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		DRAWN - GS	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - SE	REVISED -
	PLOT DATE = 4/9/2009	DATE - 01/16/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 25 MAINTENANCE OF TRAFFIC
GENERAL NOTES SEQUENCE OF CONSTRUCTION AND DETAILS**

SCALE: N.T.S. SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 43
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

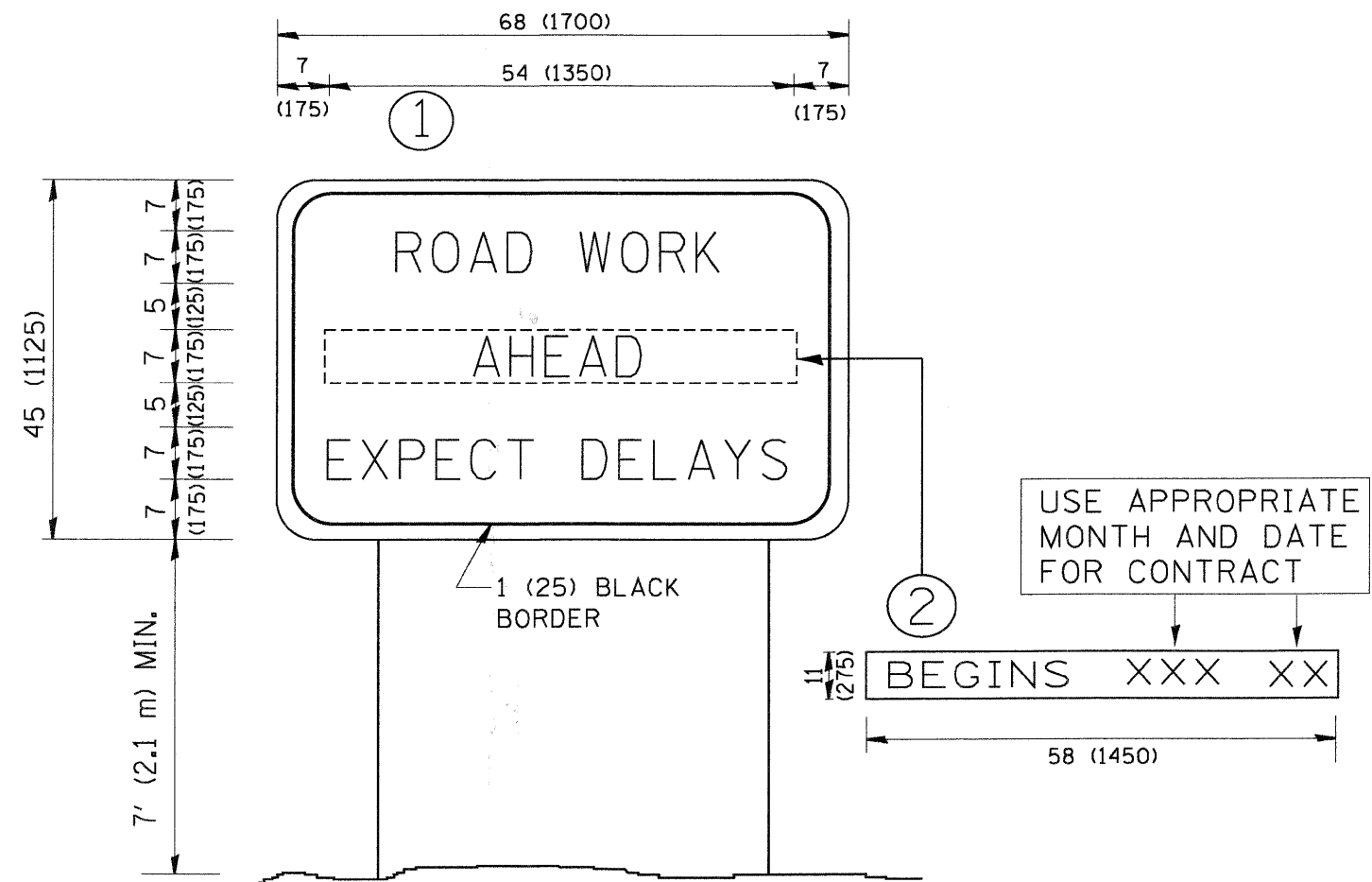


NOTE:
 CONTRACTOR ACCESS AND INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF HAUL ROADS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT. RESTORATION SHALL INCLUDE REMOVAL OF ALL HAUL ROAD MATERIALS, GRADING, TOPSOIL PLACEMENT AND EROSION CONTROL IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SEE EDITION SPECIFIED UNDER GENERAL NOTES ON SHEET #2 FOR DETAILS).

- TEMPORARY CAUSEWAY
- TEMPORARY FENCE (TO BE PLACED 1' ALONG EACH SIDE OF HAUL ROUTES)
- OVERHEIGHT VEHICLE DETECTION SYSTEM
- TROLLEY WIRE AND COMED POLE
- OVERHEAD ELECTRIC LINE
- TEMPORARY CHAINLINK FENCE VEHICLE GATE

Baker
 Baker Engineering, Inc.

FILE NAME = IL31_con_entr_mot	USER NAME = GYSherman	DESIGNED - GS	REVISED Δ Addendum 4/9/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STEARNS ROAD SUGGESTED CONTRACTOR ACCESS PLAN			F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 47
PLOT SCALE = 40.0000' / IN.	CHECKED - SE	REVISOR -	REVISOR -		SCALE: 1"=40'	SHEET NO. 5 OF 5 SHEETS	STA. TO STA.	CONTRACT NO.				
PLOT DATE = 4/9/2009	DATE - 01/16/09	REVISOR -	REVISOR -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - Δ ADDENDUM 4/9/09
		DRAWN -	REVISED - R. MIRS 09-15-97
		CHECKED -	REVISED - R. MIRS 12-11-97
		DATE -	REVISED - T. RAMMACHER 02-02-99
			REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD
INFORMATION SIGN

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	48
TC-22			CONTRACT NO. 63075	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LIGHTING NOTES

1. ALL LIGHT POLE ANCHOR BOLTS SHALL BE BONDED TO BRIDGE REBAR/STEEL.
2. ALL POLE HANDHOLES SHALL FACE STREETSIDE.
3. ELECTRIC SERVICE CONDUIT AND ALL CONDUIT UNDER ROADWAYS SHALL BE RIGID GALVANIZED STEEL. ALL UNDERGROUND BRANCH CIRCUIT CONDUIT SHALL BE 1/2" SCH40 HDPE. ALL CONDUIT EMBEDDED IN CONCRETE SHALL BE SCH40 PVC. ALL WIRING SHALL BE XLP-TYPE USE.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", AS PREPARED BY IDOT.
 - B. "THE NATIONAL ELECTRICAL CODE".
 - C. MUNICIPAL CODES & STANDARDS.
5. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE OWNER'S REPRESENTATIVE.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL EQUIPMENT FOR EXAMINATION AND CONFIRMATION WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE MECHANICAL TYPE UL LISTED FOR DIRECT BURIAL USE, AS SPECIFIED, AND SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE OR BACKFILLING, AS APPLICABLE.
8. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE REVIEWED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
9. THE CONTRACTOR SHALL TAG ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT.
10. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED IN EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT. NO SPLICING SHALL BE ALLOWED IN CONCRETE HAND HOLES.
11. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
13. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION AT NO ADDITIONAL COST TO THE OWNER. THE COST ASSOCIATED FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
14. THE ELECTRICAL CONTRACTOR SHALL FURNISH ONE SET OF RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATION OF ALL LIGHTS, UNDERGROUND WIRING & CONTROLLER CABINETS.
15. THE CONTRACTOR SHALL PROVIDE A GUARANTEE FOR ALL MATERIAL AND WORKMANSHIP FOR ONE YEAR AFTER THE DATE OF ACCEPTANCE.
16. THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.

ITS NOTES

1. ITS HANGAR SPACING SHALL NOT EXCEED 8'. INSTALLATION AND MATERIALS FOR HANGAR INSTALLATION IS INCIDENTAL TO INSTALLATION OF ITS CONDUIT.
2. THE CONTRACTOR MUST USE APPROVED SINGLE COIL FLARED LOOP INSERTS. THE FLARED LOOP INSERTS MUST BE CAST INTO THE CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND COORDINATING THE INSERT LOCATIONS WITH THE BRIDGE DECK CONTRACTOR.
3. SECURE THE ITS CONDUIT WITH CONDUIT CLAMPS WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX OR CHANGE IN DIRECTION. ALL CONDUIT CLAMPS WILL BE INCLUDED WITH THE COST OF THE CONDUIT.
4. PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUIT AS REQUIRED BY THE MANUFACTURER. THESE FITTINGS ARE TO ACCOMMODATE A TOTAL MOVEMENT UP TO 8" (4" IN EACH DIRECTION). THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S RECOMMENDATION FOR INSTALLATION TEMPERATURE. COST AND INSTALLATION OF EXPANSION/DEFLECTION FITTINGS ARE INCIDENTAL TO COST OF THE CONDUIT PAY ITEM.




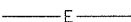








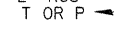




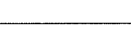

LIGHTING BILL OF MATERIALS


CODE NO.	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	280
81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	70
81017520	CONDUIT IN TRENCH, 1 1/2" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	840
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
81702400	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 2	FOOT	330
81702420	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 3-1/C NO. 8	FOOT	3140
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1050
82500530	LIGHTING CONTROLLER TYPE CB-RCS 100AMP-240VOLT	EACH	1
XX000303	ORNAMENTAL LIGHTING UNIT COMPLETE	EACH	12
XX006937	GROUND ROD, 5/8"x10 FT.	EACH	3

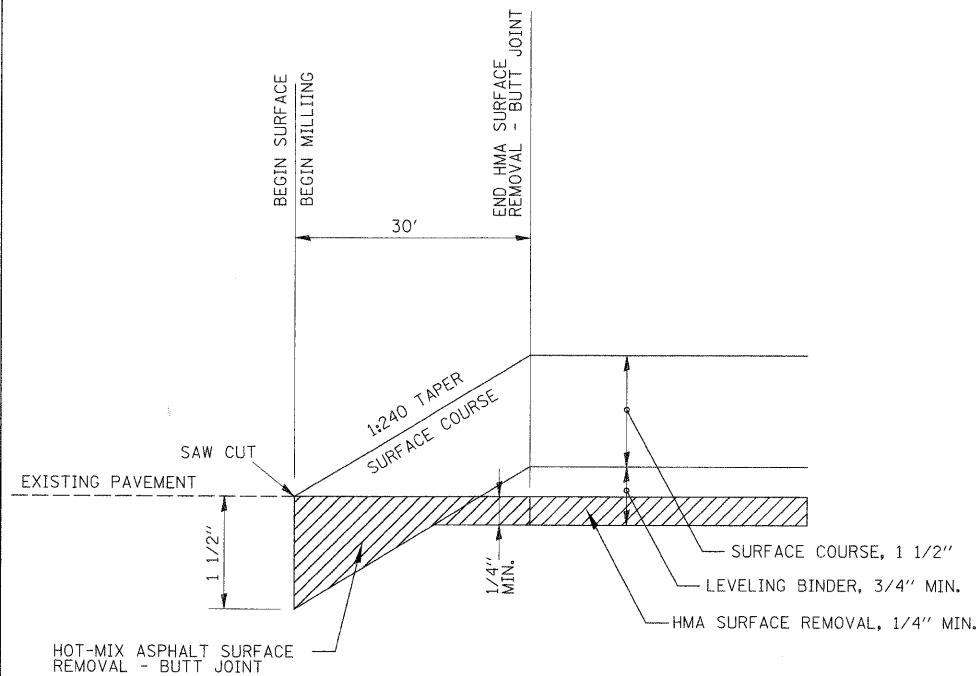
ITS BILL OF MATERIALS

CODE NO.	DESCRIPTION	UNIT	QUANTITY
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	1450
81100700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL	FOOT	3880
81300710	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 6"	EACH	8
81300948	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 10"	EACH	8
81400100	HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	4
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1450
	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT IN TRENCH	FOOT	1450
	5" RIGID GALVANIZED STEEL MULTI-DUCT W/ 4 1-1/4" INNER DUCT ATTACHED TO STRUCTURE	FOOT	3880

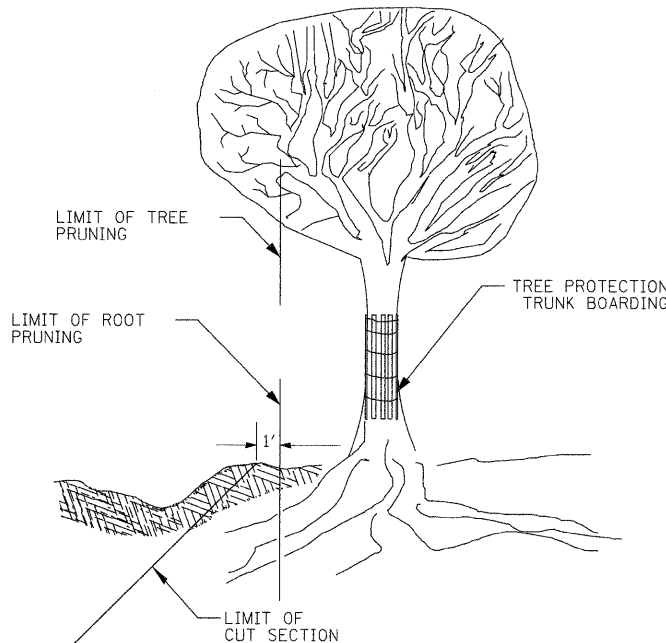
LEGEND

	12' ORNAMENTAL LIGHT POLE WITH A 50W METAL HALIDE POST TOP LUMINAIRE WITH TYPE 3 CUTOFF OPTICS
	PROPOSED WIRE IN UNIT DUCT AS SHOWN ON PLANS (LIGHTING)
	PROPOSED RGS CONDUIT SLEEVE FOR UNIT DUCT UNDER PAVEMENT (LIGHTING)
	PROPOSED ELECTRIC CABLES IN CONDUIT AS SHOWN ON PLANS (LIGHTING)
	PROPOSED RGS CONDUIT (ITS)
	PROPOSED LIGHTING CONTROLLER
	PROPOSED COMPOSITE CONCRETE HANDHOLE (LIGHTING)
	PROPOSED CONCRETE HANDHOLE (ITS)
	PROPOSED CONCRETE DOUBLE HANDHOLE (ITS)
	PROPOSED STAINLESS STEEL JUNCTION BOX (ITS)
	PROPOSED LIGHT POLE NUMBER
	LIGHTING CIRCUIT IDENTIFIER
	RIGID GALVANIZED STEEL CONDUIT
	TRENCHED OR PUSHED
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATERMAIN
	EXISTING OVERHEAD WIRES
	EXISTING GAS LINE

FILE NAME = NDT_070793-01.pln	USER NAME = MWORMAN	DESIGNED AJD	REVISED  ADDENDUM 4/9/09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		STEARNS ROAD BRIDGE LIGHTING / ITS NOTES AND BILL OF MATERIALS		F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 92
		DRAWN KWB	REVISED -									
		CHECKED AJD	REVISED -									
		DATE 01/16/09	REVISED -									
				SCALE: 1"= 30'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 63075				

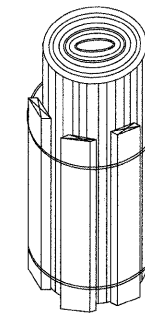


BUTT JOINT DETAIL
N.T.S.



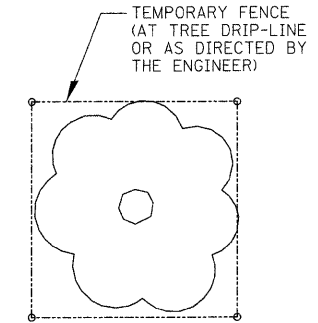
NOTE:
TREE AND ROOT PRUNING SHALL BE DONE IN ACCORDANCE WITH IDOT SPECIFICATION SECTION 201.

TREE TRUNK PROTECTION AND ROOT PRUNING DETAIL
N.T.S.



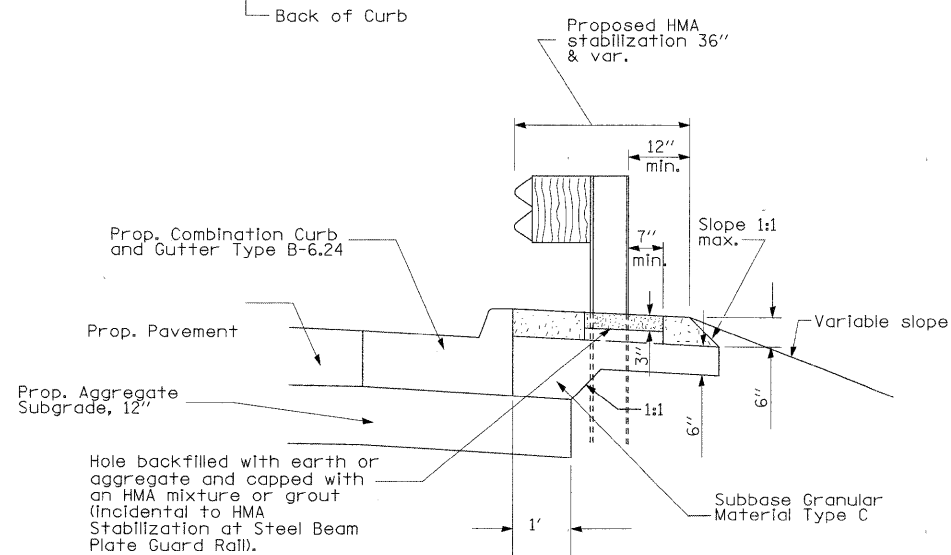
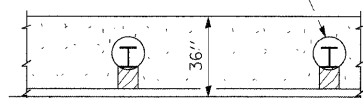
TREE PROTECTION TRUNK BOARDING DETAIL
N.T.S.

2"x10"x6'(MIN) PLANKS - NO. REQUIRED VARIES W/ SIZE OF TREE (4 MIN)
WIRE RETAINER NO 6 WIRE (MIN) WRAP AROUND BOARDS AND TWIST ENDS TOGETHER (BEND TWISTED ENDS TOWARD TREE)

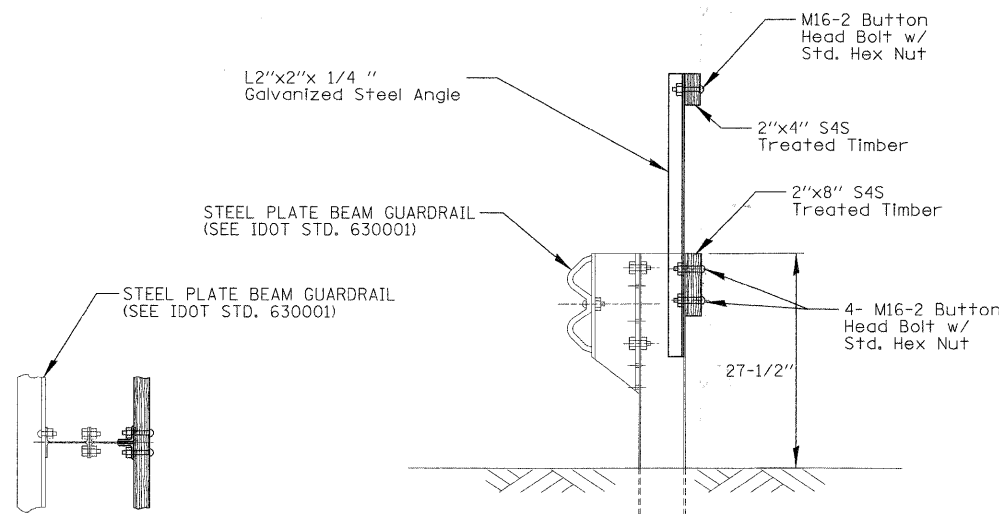


TEMPORARY FENCE DETAIL
N.T.S.

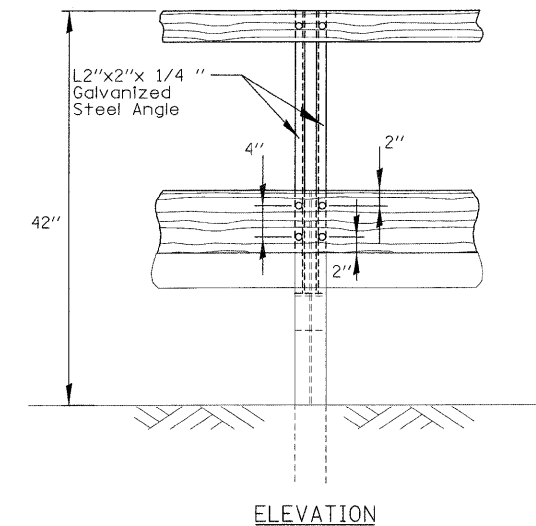
15" min. diameter round blockout or cored hole, typical for guardrail line posts (incidental to HMA Stabilization 6" at Steel Beam Plate Guard Rail).



BIT STABILIZATION 6" AT STEEL BEAM PLATE GUARD RAIL BEHIND CURB AND GUTTER DETAIL
N.T.S.



RUB RAIL DETAIL
N.T.S.



FILE NAME = DET_070793_01.SHT	USER NAME = MWDORMAN	DESIGNED - MCW	REVISED Δ ADDENDUM 4/9/09
		DRAWN - GT	REVISED -
	PLOT SCALE = 1"	CHECKED - MCW	REVISED -
	PLOT DATE = 4/9/2009	DATE - 01/16/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-20-BR	COUNTY KANE	TOTAL SHEETS 320	SHEET NO. 96
CONTRACT NO. 63075				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

- Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 7/8 in. φ, holes 15/16 in. φ, unless otherwise noted.
- Calculated weight of Structural Steel:

S.N.	Gr. 50	Gr. 36	A500 Class B
045-3166	2,563,000 lb.	99,000 lb.	
045-3164	23,500 lb.	2,000 lb.	(6,000 lb.)
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Concrete Sealer shall be applied to the designated areas of the:
 - Stearns Road Bridge (S.N. 045-3166): Abutments
 - Multi-Use Path Ramp (S.N. 045-3164): Abutments & Expansion Piers
 - Multi-Use Path Bridge (S.N. 045-3164): Abutments & Piers
- The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel, the Pedestrian Truss Superstructure, the Steel Bridge Rail, Special, Roof Columns, as well as the Bicycle Railing, Special on both the MUP Bridge and MUP Ramp except where otherwise noted. The color of the final finish coat for all steel girders and the entire Pedestrian Truss Superstructure shall be dark green, Federal Standard 595B, color #14062; submit paint chips to the engineer for approval prior to ordering any finish coat material. See Special Provision for "Cleaning and Painting New Metal Structures".
- Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
- The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.
- Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferdam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.
- Anti-Graffiti Coating shall be applied to the following locations:
 - Stearns Road Bridge (SN 045-3166): Abutments & Piers at all locations "Form Liner Textured Surface" is applied to.
 - Multi-Use Path Ramp (SN 045-3164): Exposed surfaces of Pier Caps & Columns except for the bearing seat.
 - Multi-Use Path Bridge (SN 045-3164): Exposed surfaces of Abutments except for bearing seat and backwall front face.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	108
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
		SHEET NO. 53 OF 5108		

INDEX OF STRUCTURAL DRAWINGS

SHEET	TITLE	SHEET	TITLE	SHEET	TITLE
S1	GENERAL PLAN AND ELEVATION I	S46	PIER 3 DETAILS II	S91	SOIL BORING LOG I
S2	GENERAL PLAN AND ELEVATION II	S47	PIER 3 DETAILS III	S92	SOIL BORING LOG II
S3	GENERAL NOTES & INDEX OF DRAWINGS	S48	PIER 4 DETAILS I	S93	SOIL BORING LOG III
S4	BILL OF MATERIAL	S49	PIER 4 DETAILS II	S94	SOIL BORING LOG IV
S5	TYPICAL CROSS SECTION	S50	PIER 4 DETAILS III	S95	SOIL BORING LOG V
S6	FOOTING LAYOUT	S51	PIER FORMLINER AND COFFERDAM DETAILS	S96	SOIL BORING LOG VI
S7	TOP OF SLAB ELEVATIONS I	S52	PILE DETAILS	S97	SOIL BORING LOG VII
S8	TOP OF SLAB ELEVATIONS II	S53	TEMPORARY CAUSEWAY	S98	SOIL BORING LOG VIII
S9	TOP OF SLAB ELEVATIONS III	S54	DRAINAGE SYSTEM	S99	SOIL BORING LOG IX
S10	TOP OF SLAB ELEVATIONS IV	S55	DRAINAGE SCUPPER DETAILS	S100	SOIL BORING LOG X
S11	TOP OF SLAB ELEVATIONS V	S56	MSE WALL 1 - GENERAL PLAN AND ELEVATION	S101	SOIL BORING LOG XI
S12	TOP OF SLAB ELEVATIONS VI	S57	MSE WALL 1 - BICYCLE RAILING	S102	SOIL BORING LOG XII
S13	TOP OF APPROACH SLAB ELEVATIONS	S58	MUP BRIDGE - GENERAL PLAN AND ELEVATION	S103	SOIL BORING LOG XIII
S14	DECK AND MEDIAN PLAN I	S59	MUP BRIDGE & RAMP - TYPICAL SECTIONS	S104	SOIL BORING LOG XIV
S15	DECK AND MEDIAN PLAN II	S60	MUP BRIDGE - PREFABRICATED TRUSS DETAILS	S105	SOIL BORING LOG XV
S16	DECK AND MEDIAN PLAN III	S61	MUP BRIDGE - TOP OF SLAB ELEVATIONS	S106	SOIL BORING LOG XVI
S17	DECK AND MEDIAN PLAN IV	S62	MUP BRIDGE - TOP OF APPROACH SLAB ELEVATIONS	S107	SOIL BORING LOG XVII
S18	DECK AND MEDIAN PLAN V	S63	MUP BRIDGE - DECK PLAN	S108	SOIL BORING LOG XVIII
S19	DECK CROSS SECTION	S64	MUP BRIDGE - FRAMING PLAN AND GIRDER ELEVATION		
S20	LIGHT SUPPORT DETAILS	S65	MUP BRIDGE - STEEL DETAILS I		
S21	DECK DETAILS	S66	MUP BRIDGE - STEEL DETAILS II		
S22	DECK POURING SEQUENCE	S67	MUP BRIDGE - CANTILEVER FORMING BRACKETS		
S23	STEEL RAILING DETAILS I	S68	MUP BRIDGE - BICYCLE RAILING, SPECIAL		
S24	STEEL RAILING DETAILS II	S69	MUP BRIDGE - BEARING DETAILS		
S25	BAR SPLICER ASSEMBLY DETAILS	S70	MUP BRIDGE - WEST ABUTMENT I		
S26	FRAMING PLAN AND GIRDER ELEVATION I	S71	MUP BRIDGE - WEST ABUTMENT II		
S27	FRAMING PLAN AND GIRDER ELEVATION II	S72	MUP BRIDGE - EAST ABUTMENT I		
S28	FRAMING PLAN AND GIRDER ELEVATION III	S73	MUP BRIDGE - EAST ABUTMENT II		
S29	STEEL DETAILS I	S74	MUP BRIDGE - SPAN 1 ROOF FRAMING PLAN		
S30	STEEL DETAILS II	S75	MUP BRIDGE - SPAN 1 ROOF DETAILS		
S31	BEARING DETAILS I	S76	MUP RAMP - GENERAL PLAN AND ELEVATION		
S32	BEARING DETAILS II	S77	MUP RAMP - TOP OF APPROACH SLAB ELEVATIONS		
S33	BEARING DETAILS III	S78	MUP RAMP - DECK PLAN		
S34	MODULAR JOINT DETAILS	S79	MUP RAMP - DECK CROSS SECTION		
S35	WEST ABUTMENT I	S80	MUP RAMP - 11" X 52" P.P.C. DECK BEAM		
S36	WEST ABUTMENT II	S81	MUP RAMP - BICYCLE RAILING, SPECIAL		
S37	EAST ABUTMENT I	S82	MUP RAMP - BEARING DETAILS		
S38	EAST ABUTMENT II	S83	MUP RAMP - JOINT DETAILS		
S39	ABUTMENT DETAILS	S84	MUP RAMP - NORTH ABUTMENT DETAILS I		
S40	PIER 1 DETAILS I	S85	MUP RAMP - NORTH ABUTMENT DETAILS II		
S41	PIER 1 DETAILS II	S86	MUP RAMP - SOUTH ABUTMENT DETAILS I		
S42	PIER 2 DETAILS I	S87	MUP RAMP - SOUTH ABUTMENT DETAILS II		
S43	PIER 2 DETAILS II	S88	MUP RAMP - PIER DETAILS I		
S44	PIER 2 DETAILS III	S89	MUP RAMP - PIER DETAILS II		
S45	PIER 3 DETAILS I	S90	MUP RAMP - PIER DETAILS III		

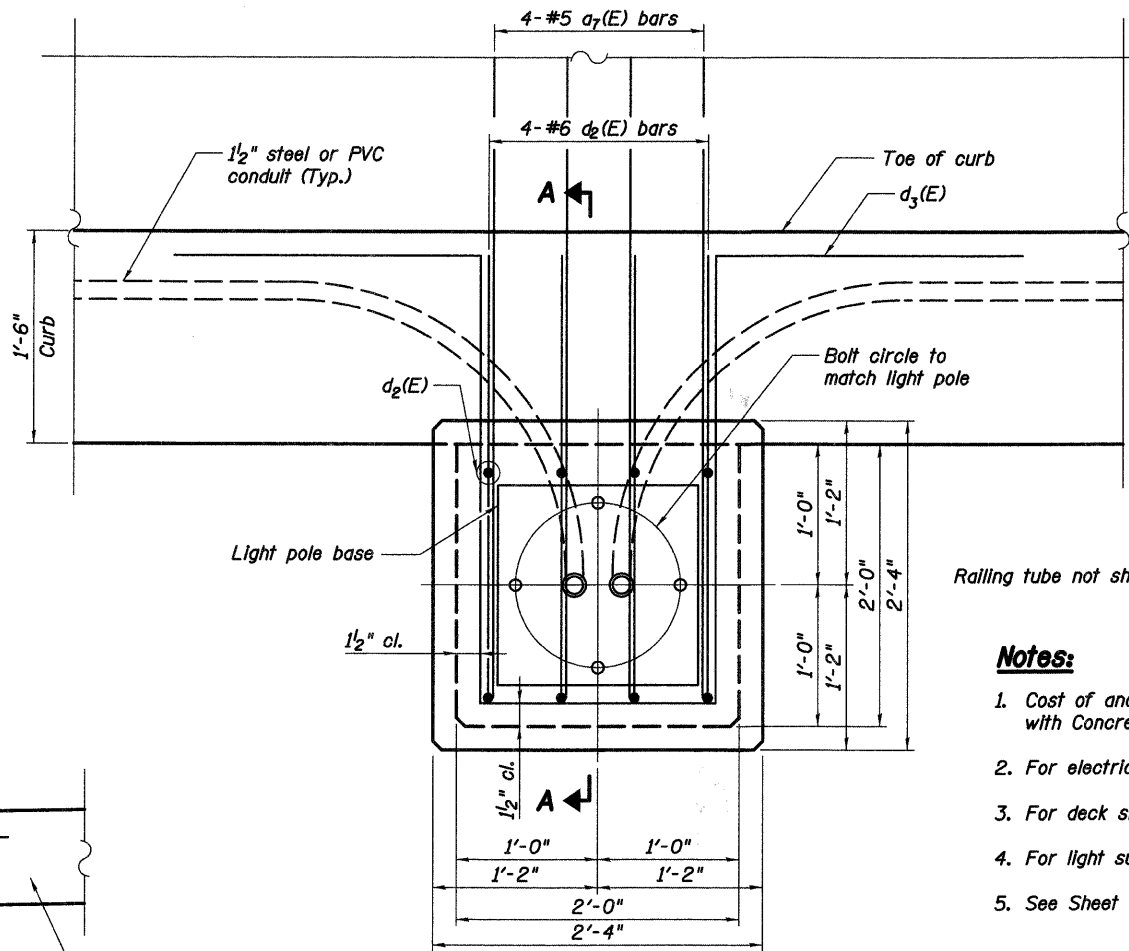
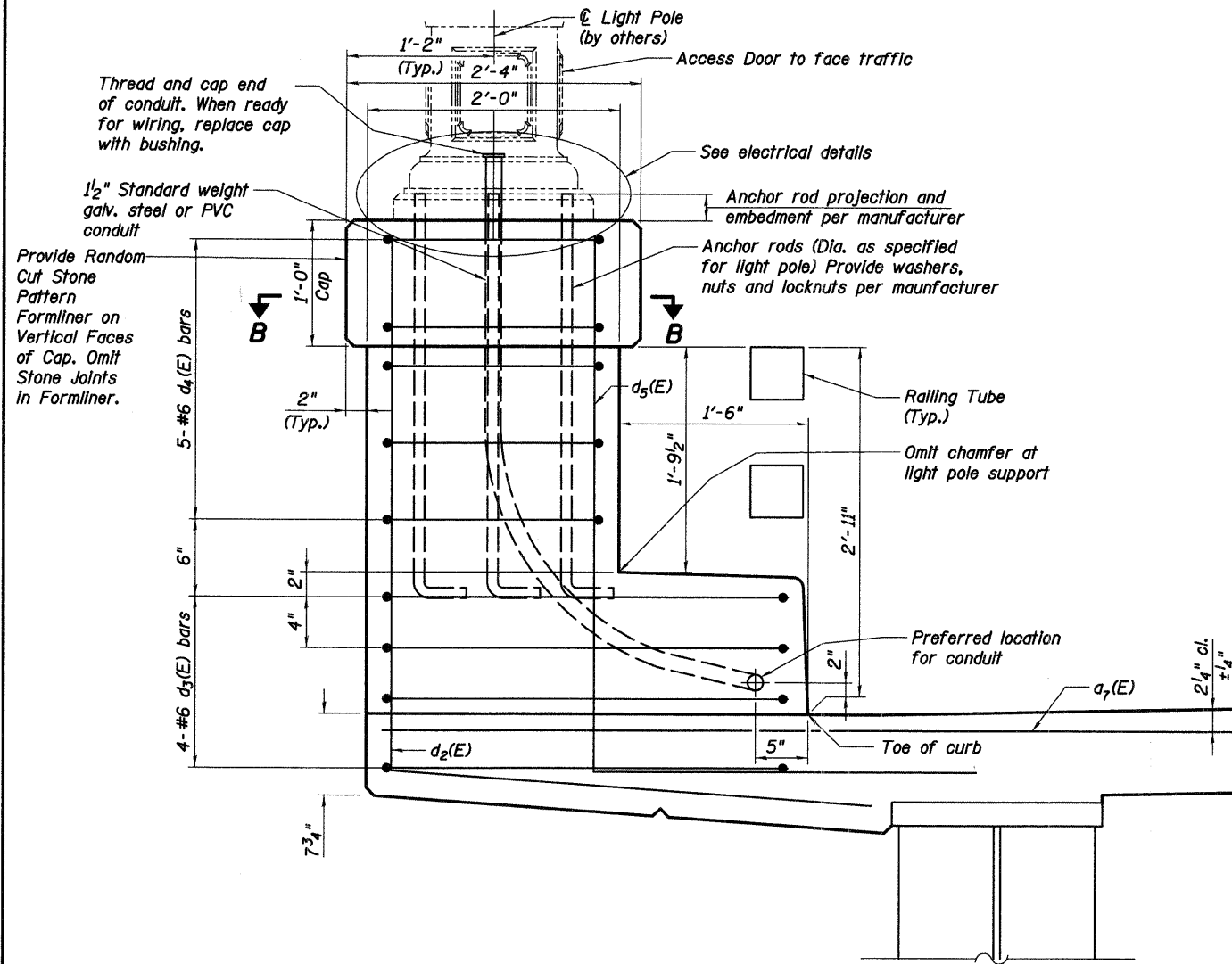
REVISIONS	
NAME	DATE
▲ Addendum	4/9/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES & INDEX OF DRAWINGS
 STEARNS ROAD OVER THE FOX RIVER PUBLIC
 STRUCTURE NUMBER 045-3166 WATERS
 KANE COUNTY FAP 361 SECTION 06-00214-20-BR
 STATION 571+42.96 DESIGNED: GWG DRAWN: SGW
 DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ



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 4/9/2009

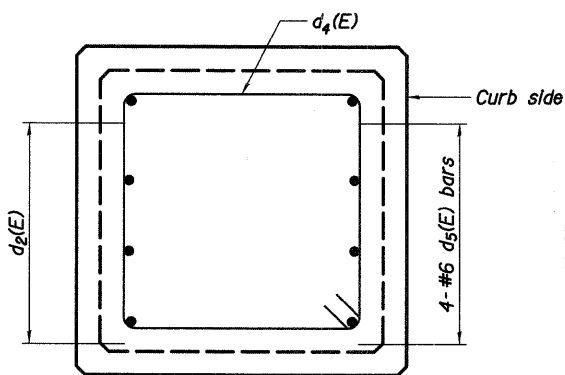
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361	06-00214-20-BR	KANE	320	125
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S20 OF S108				



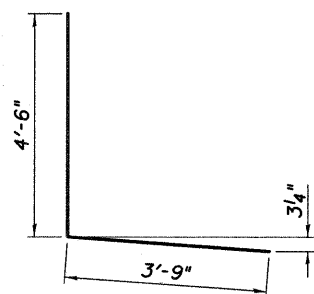
Railing tube not shown.

- Notes:**
1. Cost of anchor rods and conduit is included with Concrete Superstructure.
 2. For electrical details see lighting plans.
 3. For deck slab details see sheets S14 to S19 of S108.
 4. For light support locations see sheets S14 to S18 of S108.
 5. See Sheet S51 of S108 for rubbed finish details.

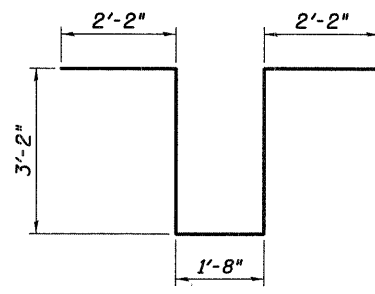
SECTION A-A



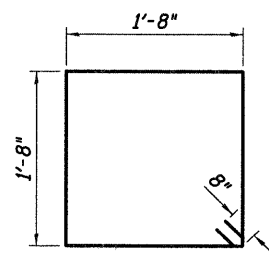
SECTION B-B
Anchor rods and conduit not shown



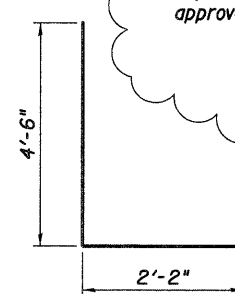
BAR d2(E)



BAR d3(E)



BAR d4(E)

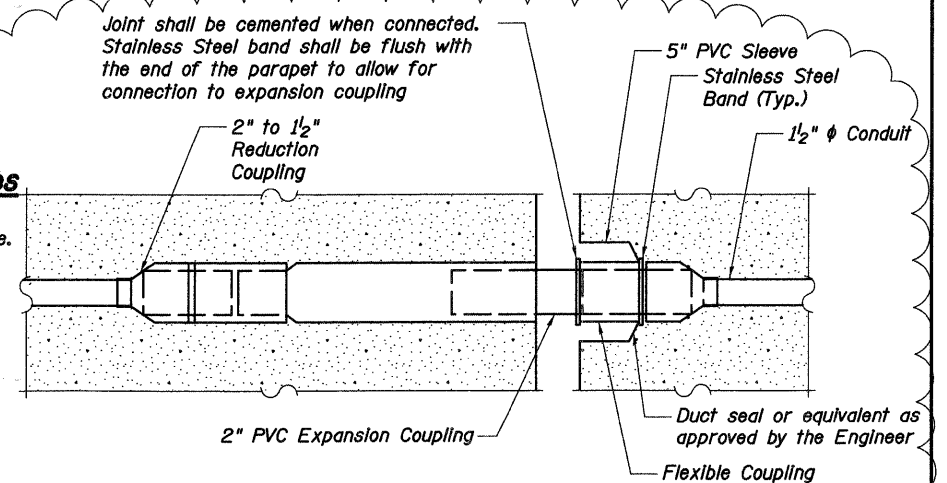


BAR d5(E)

PLAN

Conduit Expansion Joint Notes

1. Cost of all coupling materials shall be included with Concrete Superstructure.
2. All Couplings shall be watertight.
3. Expansion Coupling shall provide for a total minimum movement of 12".
4. Expansion Coupling type shall be approved by the Engineer.



EXPANSION COUPLING DETAIL FOR CONDUIT AT MODULAR JOINTS

REVISIONS	
NAME	DATE
▲ Addendum	4/9/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

LIGHT SUPPORT DETAILS

STEARNS ROAD
OVER THE FOX RIVER
STRUCTURE NUMBER 045-3166
PUBLIC WORKS

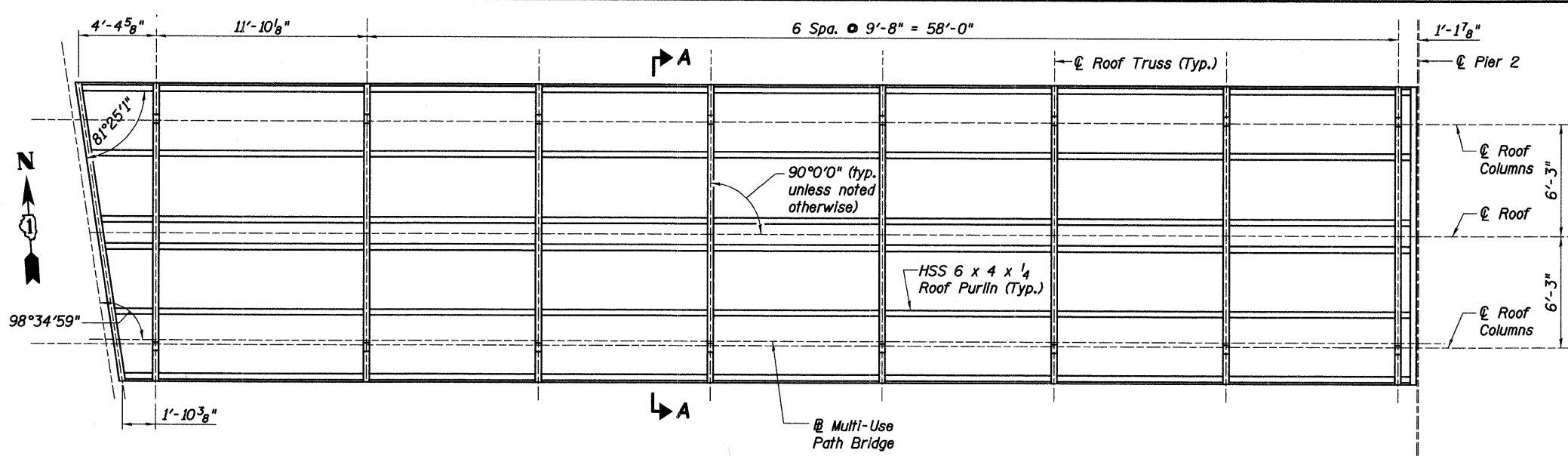
KANE COUNTY
STATION 571+42.96
DATE: JANUARY 16, 2009

FAP 361 SECTION 06-00214-20-BR
DESIGNED: GWG
DRAWN: GWG
CHECKED: KPZ

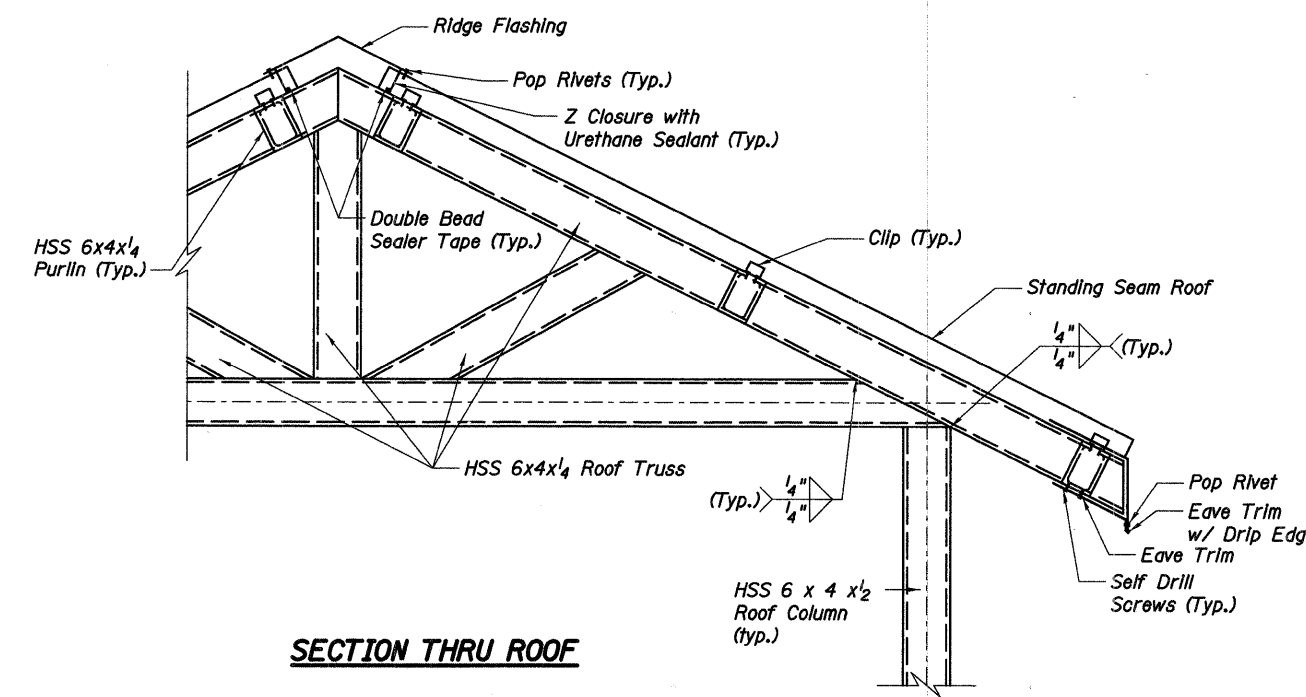
Baker

Baker Engineering, Inc.

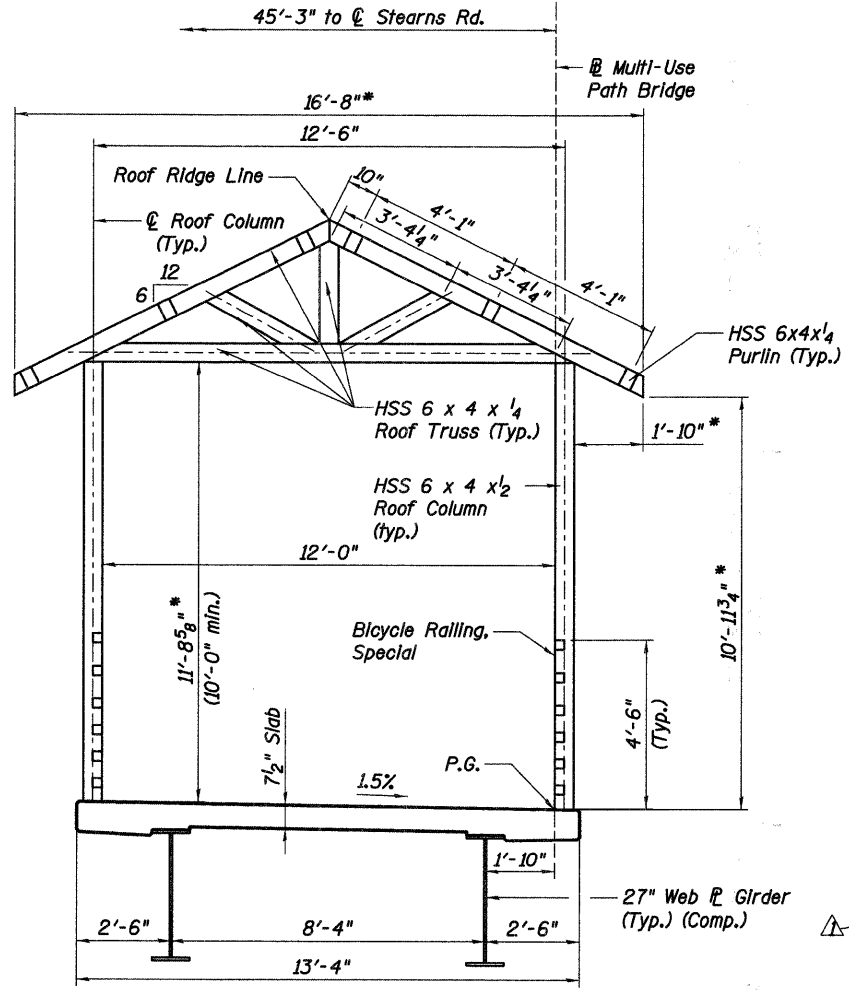
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	179
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S74 OF S108				



SPAN 1 ROOF FRAMING PLAN



SECTION THRU ROOF



SECTION A-A
(Multi-use Path Bridge Span 1)

Notes:

1. Dimensions shown for the roof purlin spacing are based on a particular manufactured standing seam roof panel. Actual spacing of purlins may vary subject to approval of the engineer. Contractor to verify and adjust structure elements as required. Cost is included with "Roofing System".
2. Roof Ridge lines and widths shall be continuous across all MUP Bridge spans.
3. The HSS 6 x 4 x 1/4 Roof Truss members shall be A500 Class B Structural Steel. The Roof Truss members have a calculated weight of 13,600 lb. with the cost included in the pay item "Roofing System". The Roof Column members cost shall be included in the pay item "Furnishing and Erecting Structural Steel Bridge No. 2".

* Dimensions are based on a particular Pre-Fabricated Truss manufacturer's design.

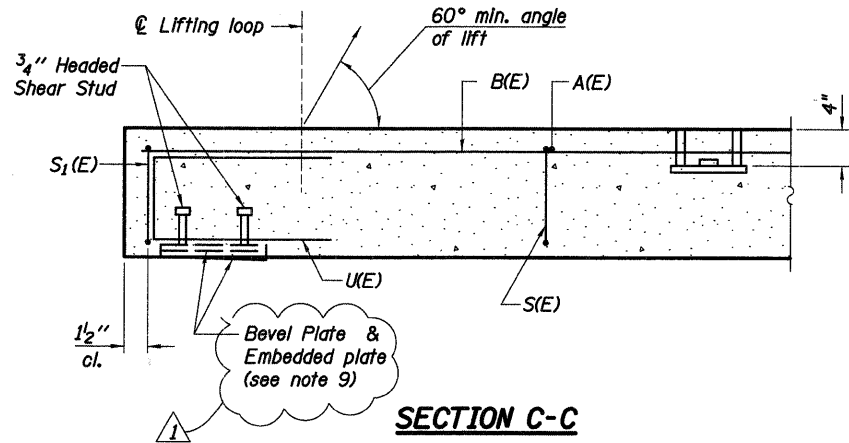
REVISIONS	
NAME	DATE
▲ Addendum	4/9/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
MUP BRIDGE -
SPAN 1 ROOF FRAMING PLAN
 MULTI-USE PATH BRIDGE OVER THE FOX RIVER
 STRUCTURE NUMBER 045-3164
 KANE COUNTY FAP 361 SECTION 06-00214-20-BR
 STATION 572+37.71 DESIGNED: DFM DRAWN: SGW
 DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ

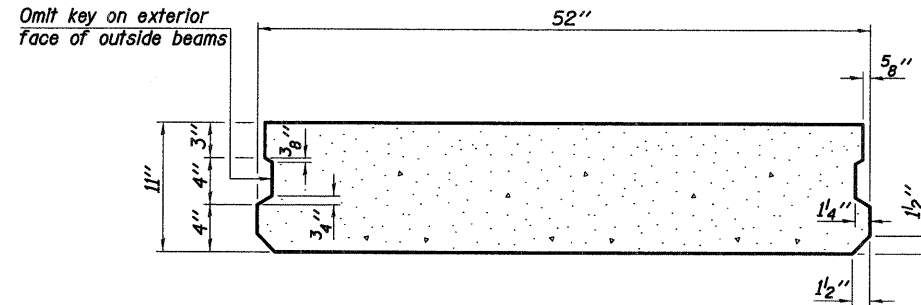


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 4/9/2009

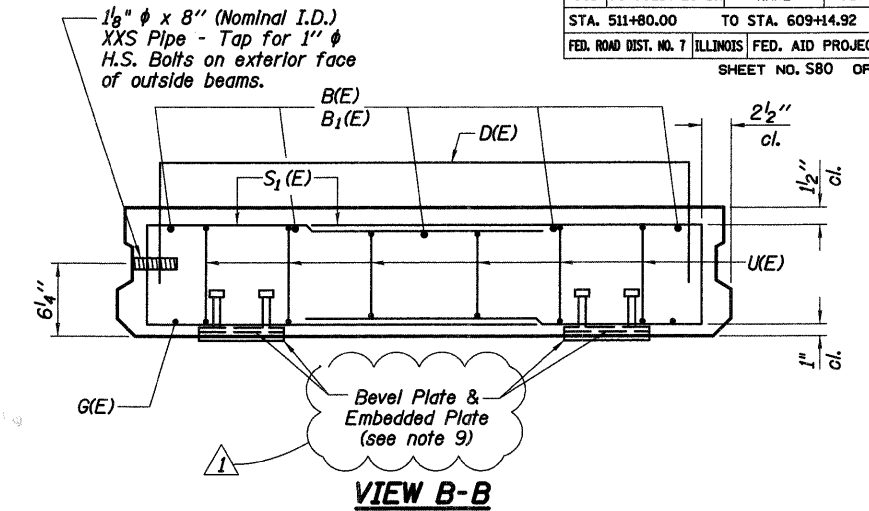
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	185
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S80 OF S108				



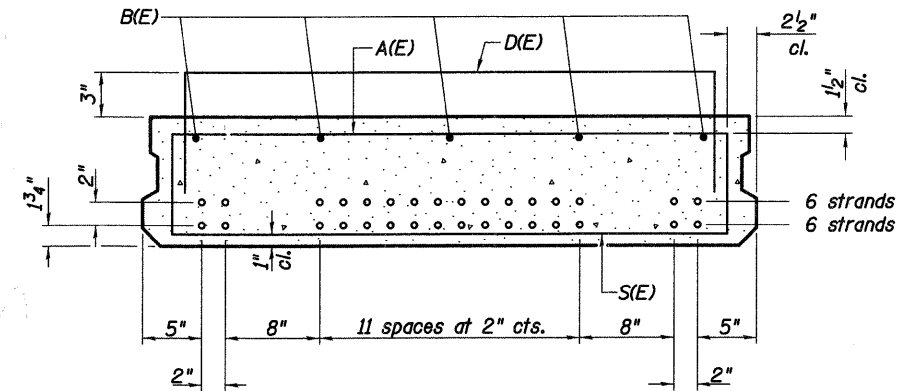
SECTION C-C



SECTION A-A
(Showing dimensions)

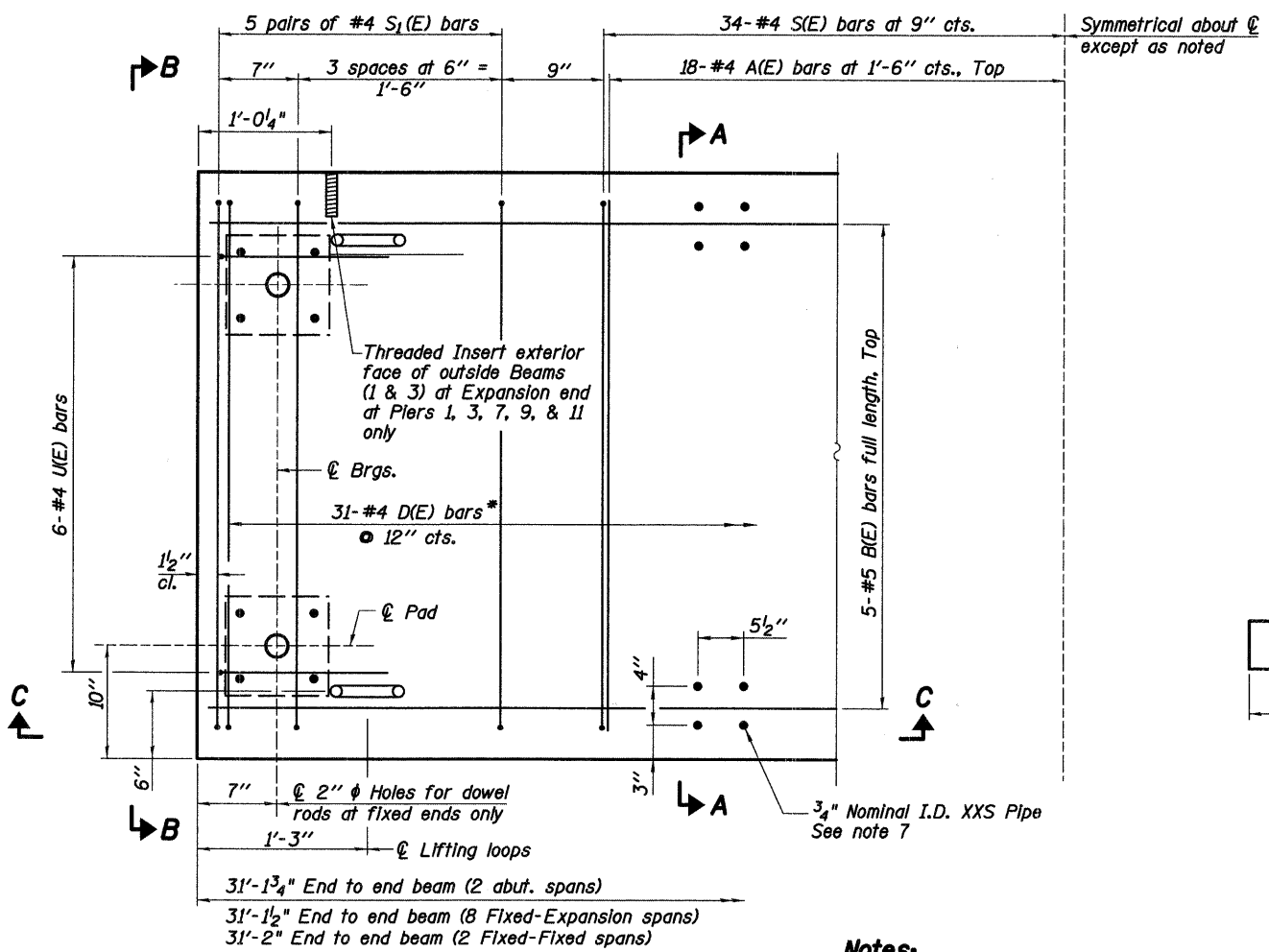


VIEW B-B



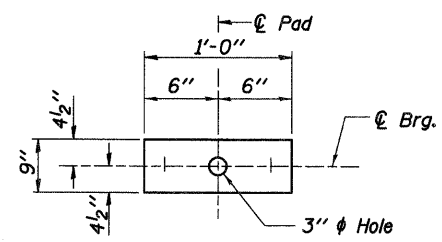
SECTION A-A

(Showing reinforcement and permissible strand locations)
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.



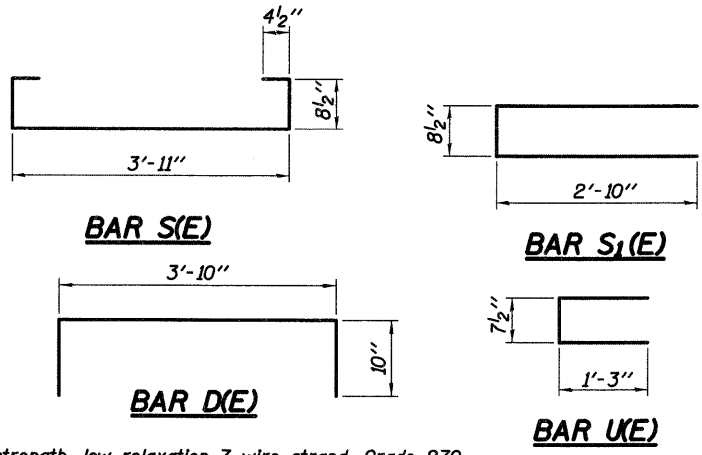
PLAN VIEW

* Only present in beams 1 & 3



FABRIC BEARING PAD
FIXED

Note: Omit holes when using expansion bearings.

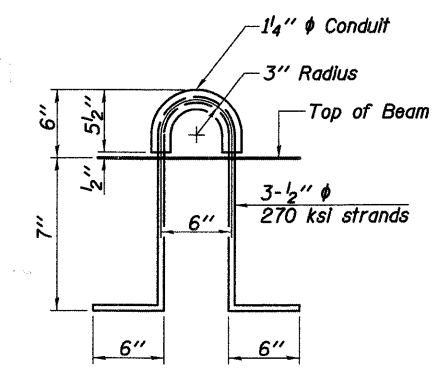


BAR S(E)

BAR S1(E)

BAR D(E)

BAR U(E)



LIFTING LOOP DETAIL

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	18	#4	3'-11"	—
B(E)	5	#5	30'-10"	—
D(E)*	31	#5	5'-6"	□
S(E)	34	#4	6'-1"	□
S1(E)	20	#4	6'-5"	□
U(E)	12	#4	3'-2"	□

* Only present in beams 1 & 3

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (11" depth)	Sq. Ft.	4,885
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Notes:

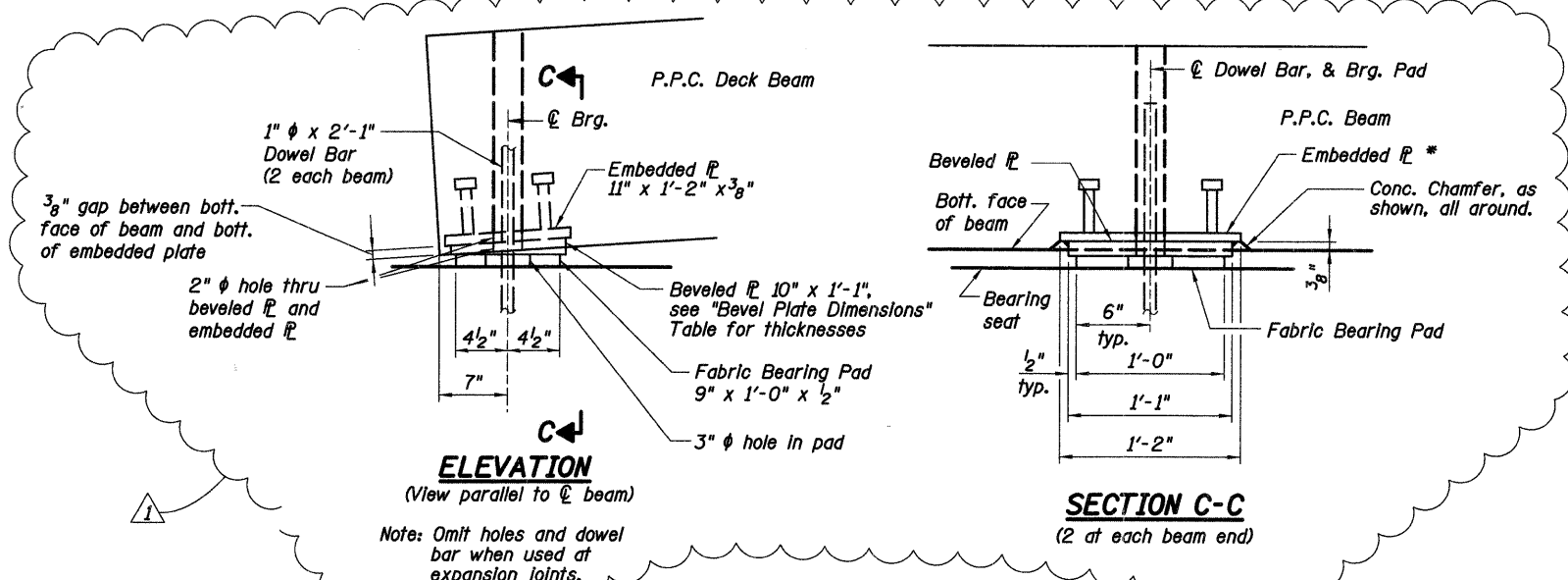
- Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2 inch and the nominal cross-sectional area shall be 0.153 sq. in.
- Reinforcement Bars shall conform to ASTM A 706, Grade 60. See special provisions.
- Two 1/8 inch fabric adjusting shims of the dimensions of the bearing pad shall be provided for each bearing pad location. Cost of fabric bearing pads and Dowel Bars shall be included in Precast deck beams.
- A minimum 2 1/2 inch diameter lifting pin shall be used to engage the lifting loops during handling.
- Corrosion Inhibitor, per Article 1020.05(b)(12) and 1021.06 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
- Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
- Compressive strength of prestressed concrete at release, f'cl, shall be 5000 psi.
- See Sheet S81 of S108 for Bicycle Railing Anchor Details and Spacing.
- See Sheet S82 of S108 for Bevel Plate and Embedded Plate Details.

REVISIONS	
NAME	DATE
Δ Addendum	4/9/09

Baker
Baker Engineering, Inc.

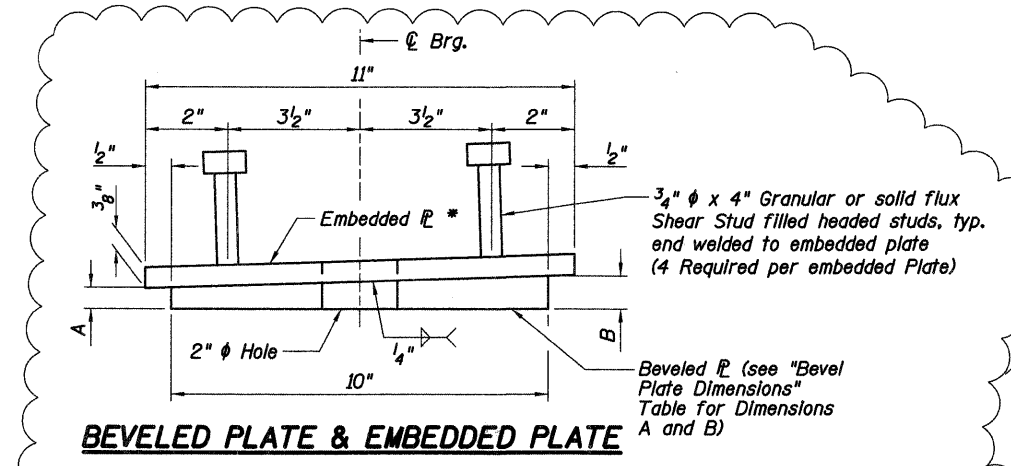
ILLINOIS DEPARTMENT OF TRANSPORTATION
MUP RAMP -
11" X 52" P.P.C. DECK BEAM
MULTI-USE PATH BRIDGE OVER THE FOX RIVER PUBLIC WATERS
STRUCTURE NUMBER 045-3164
KANE COUNTY FAP 361 SECTION 06-00214-20-BR
STATION 572+37.71 DESIGNED: DFM DRAWN: SGW
DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	187
STA. 511+80.00		TO STA. 609+14.92		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S82 OF S108				

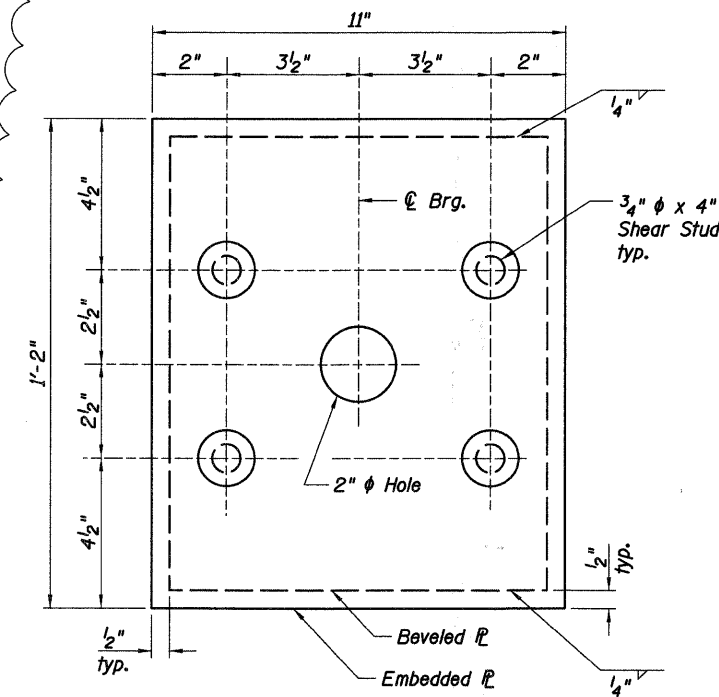


FABRIC BEARING PAD

(N. Abut., S. Abut., Fixed Piers 2, 4, 5, 6, 8, 10; 84 required)
(Expansion Piers 1, 3, 7, 9, 11; 60 required)



BEVELED PLATE & EMBEDDED PLATE



BEVELED PLATE & EMBEDDED PLATE

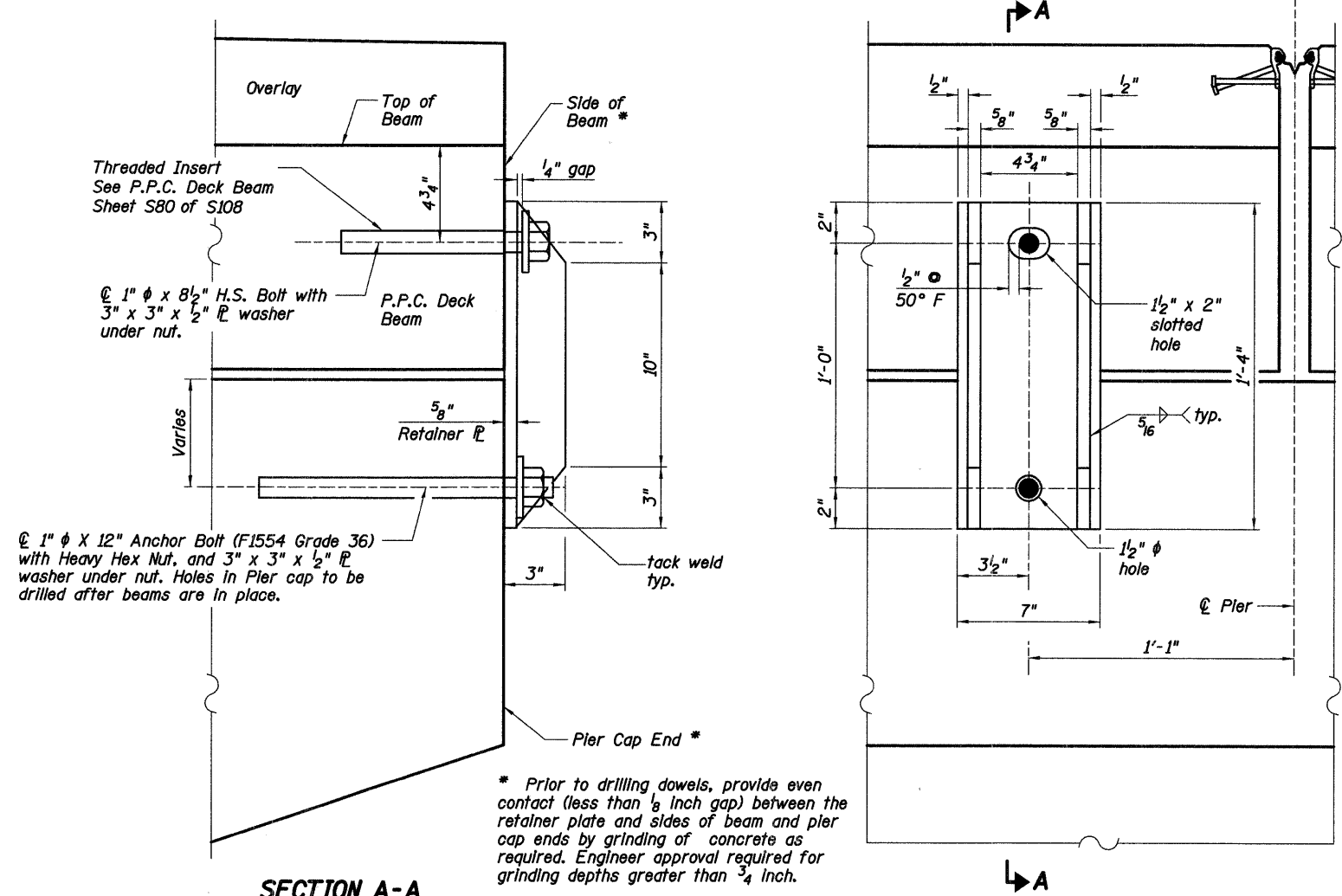
(studs on embedded plate)

Support	Bearing Location	A (at South edge)	B (at North edge)
S Abut	-	3/8"	7/8"
Pier 1	South	3/8"	7/8"
	North	3/8"	7/8"
Pier 2	South	3/8"	7/8"
	North	3/8"	7/8"
Pier 3	South	3/8"	7/8"
	North	3/8"	7/8"
Pier 4	South	3/8"	7/8"
	North	3/8"	7/8"
Pier 5	South*	-	-
	North**	5/8"	5/8"
Pier 6	South**	5/8"	5/8"
	North*	-	-
Pier 7	South	13/16"	3/8"
	North	13/16"	3/8"
Pier 8	South	13/16"	3/8"
	North	13/16"	3/8"
Pier 9	South	13/16"	3/8"
	North	13/16"	3/8"
Pier 10	South	13/16"	3/8"
	North	13/16"	3/8"
Pier 11	South	13/16"	3/8"
	North	13/16"	3/8"
N Abut	-	13/16"	3/8"

* Bevel plate and Embedded plate are not provided at these locations.
** Plate with no bevel provided at these locations.

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	20



SECTION A-A

SIDE RETAINER

(Piers 1, 3, 7, 9, 11)
(20 required)

ELEVATION

Notes:

- Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
- Dowel bars at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
- Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
- Side retainers, beveled plates, shear studs, fabric bearing pads, dowel bars and associated members shall be included in the cost of Precast Concrete Deck Beams.

REVISIONS	
NAME	DATE
▲ Addendum	4/9/09



ILLINOIS DEPARTMENT OF TRANSPORTATION
MUP RAMP - BEARING DETAILS
MULTI-USE PATH BRIDGE OVER THE FOX RIVER
STRUCTURE NUMBER 045-3164
KANE COUNTY FAP 361 SECTION 06-00214-20-BR
STATION 572+37.71 DESIGNED: DFM DRAWN: SGW
DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-20-BR	KANE	320	190
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FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		
SHEET NO. S85 OF S108				

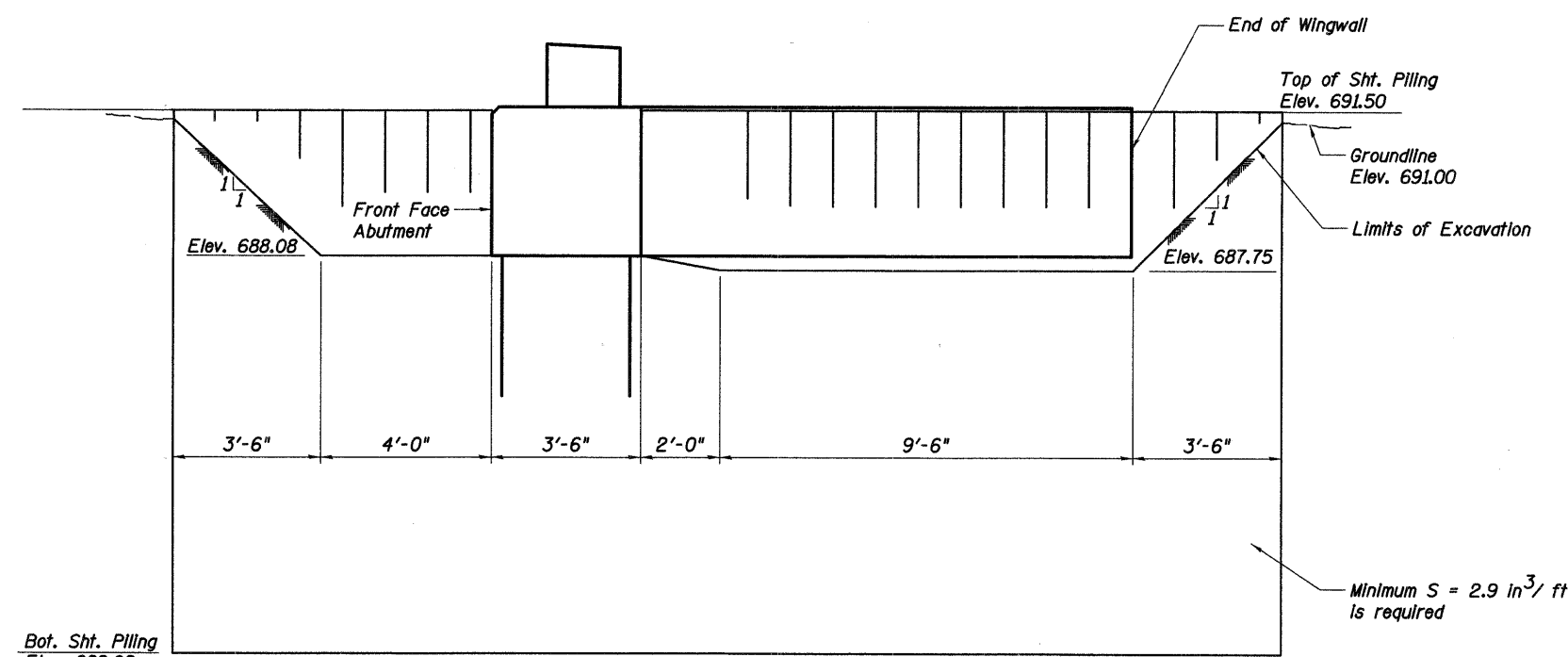
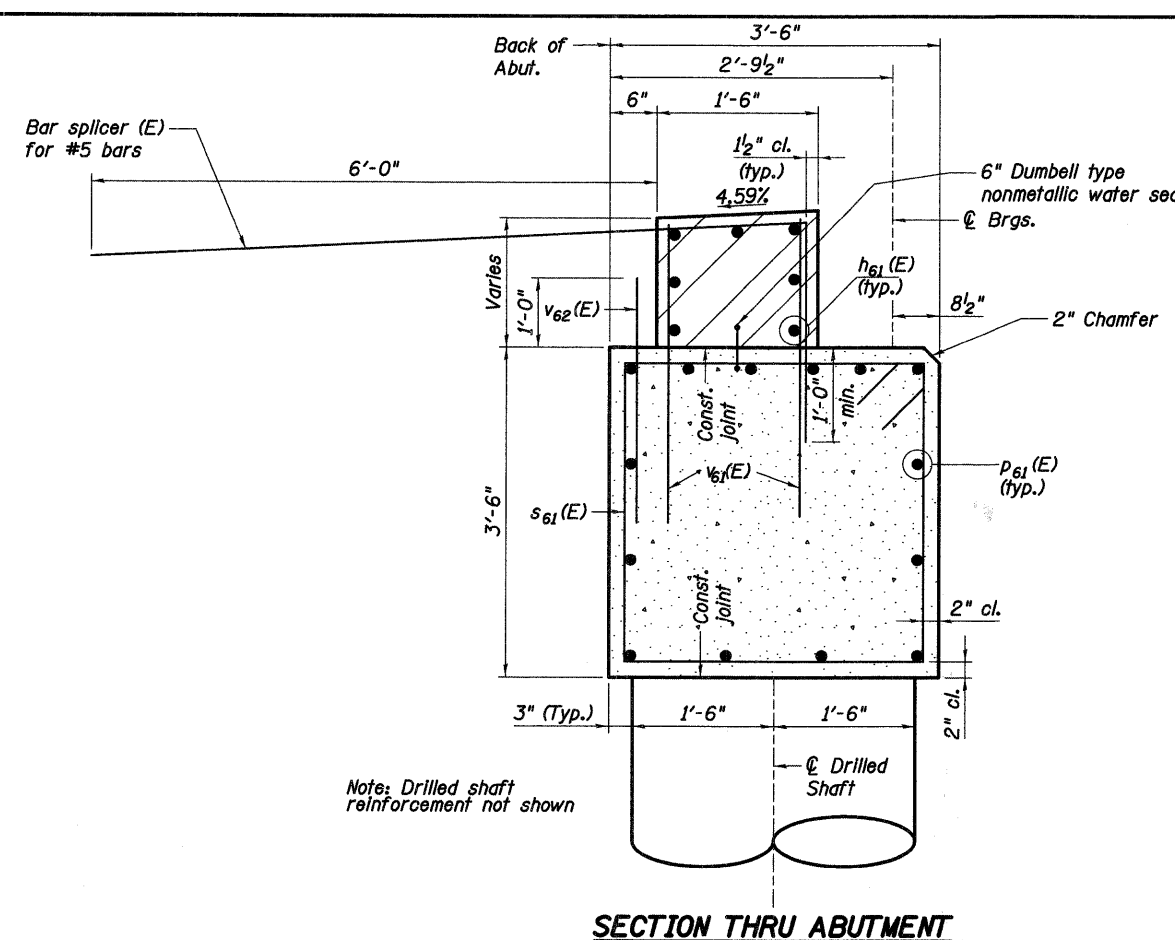
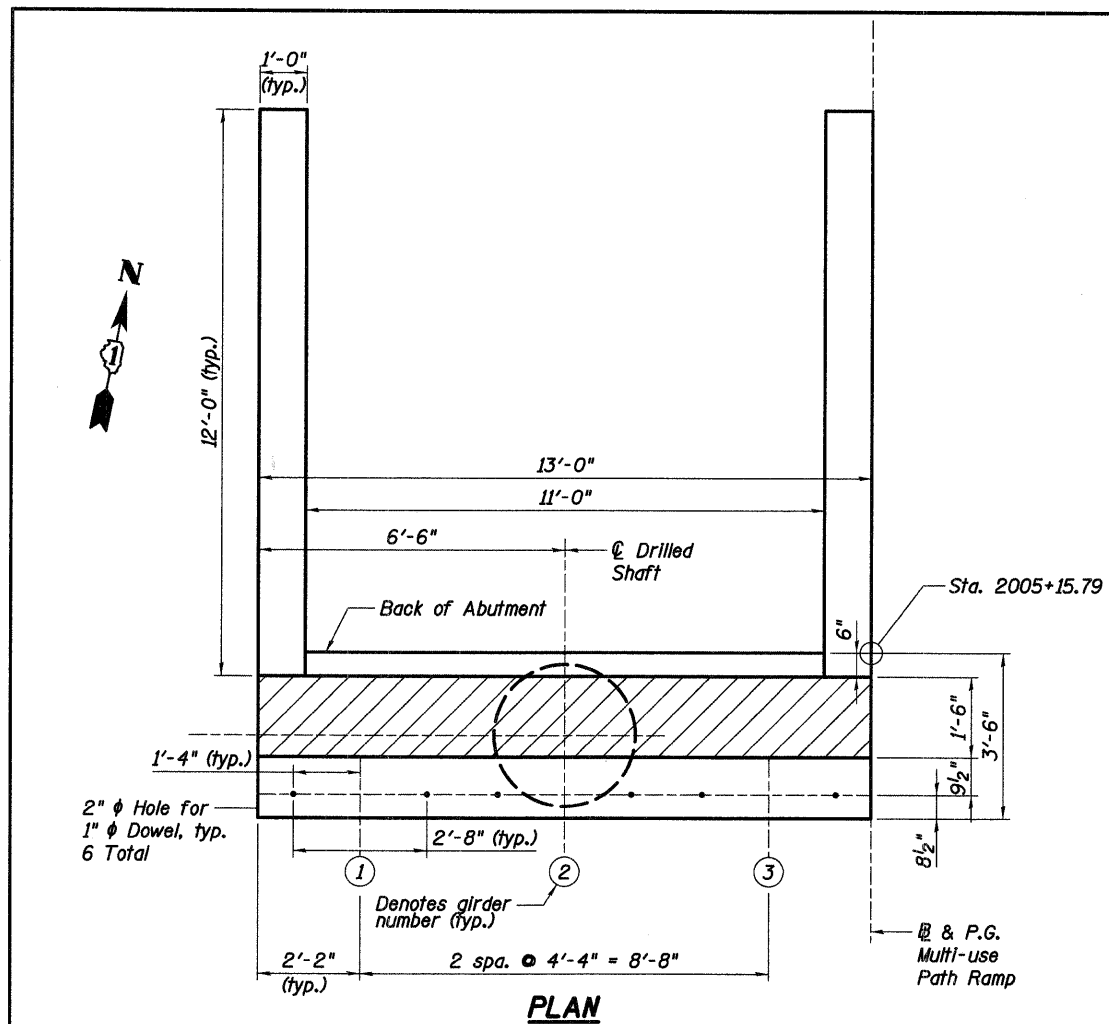
**MUP RAMP - NORTH ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
$h_{61}(E)$	7	# 6	12'-8"	—
$h_{62}(E)$	24	# 6	11'-2"	—
$p_{61}(E)$	14	# 7	12'-8"	—
$p_{62}(E)$	24	# 5	4'-0"	—
$s_{61}(E)$	14	# 4	13'-7"	□
s_{p61}	1	# 5	66'-3"	MMMM
$v_{61}(E)$	28	# 5	4'-0"	—
$v_{62}(E)$	12	# 5	3'-0"	—
$v_{63}(E)$	52	# 5	3'-4"	—
$v_{64}(E)$	52	# 5	3'-3"	—
v_{65}	16	# 8	36'-0"	—
v_{67}	16	# 10	38'-9"	—
Concrete Structures		Cu. Yd.	11	
Reinforcement Bars		Pound	5,600	
Reinforcement Bars, Epoxy Coated		Pound	1,640	
Structure Excavation		Cu. Yd.	17	
Bar Splicers		Each	12	

* length is height of spiral, provide minimum lap length of 2'-0"

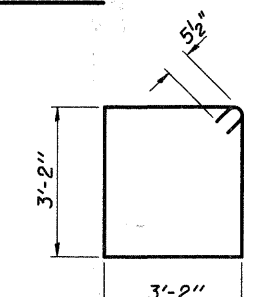
Notes:

- If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.
- For additional abutment details and notes see sheet S84 of S108.
- Cost of any existing bike path removal required for construction of the MUP Ramp, MUP Bridge, or approach slabs shall be included in the pay item "Structure Excavation".

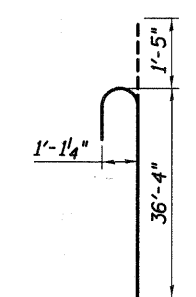


**NORTH MUP RAMP ABUTMENT
TEMPORARY SHEET PILING DETAILS**

The top and bottom elevation and length shown for the sheet piling are estimated



BAR $s_{61}(E)$



BAR v_{67}

REVISIONS	
NAME	DATE
△ Addendum	4/9/09



ILLINOIS DEPARTMENT OF TRANSPORTATION
**MUP RAMP-
NORTH ABUTMENT DETAILS II**
MULTI-USE PATH BRIDGE OVER THE FOX RIVER PUBLIC
STRUCTURE NUMBER 045-3164 WATERS
KANE COUNTY FAP 361 SECTION 06-00214-20-BR
STATION 572+37.71 DESIGNED: DAP DRAWN: TMA
DATE: JANUARY 16, 2009 CHECKED: KPZ CHECKED: KPZ

h:\13005\3.0 phase II deliverables\3.3 structure\drawings\final\045-3164 MUP N Abut2.dgn 4/9/2009